S
312.09786
H2m
2000

2000

MONTANA

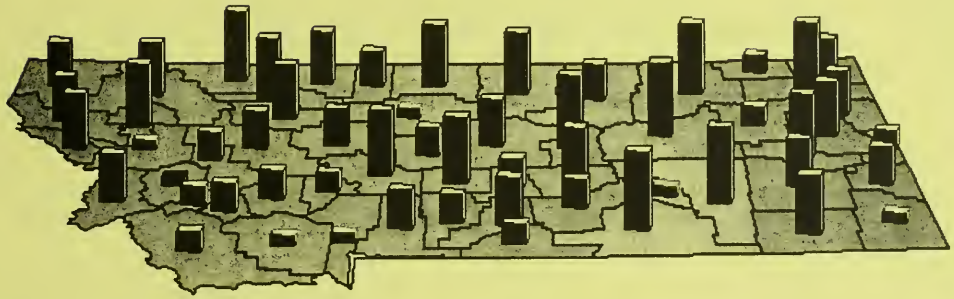
VITAL STATISTICS

STATE DOCUMENTS COLLECTION

FEB 11 2002

MONTANA STATE LIBRARY
1515 E. 6th AVE.
HELENA, MONTANA 59620

TOTAL FERTILITY RATES BY MOTHER'S COUNTY OF RESIDENCE, MONTANA, 2000



MONTANA
Department of Public Health & Human Services

MONTANA STATE LIBRARY
3 0864 0015 3192 3

OFFICE OF VITAL STATISTICS

"It is the mission of the Office of Vital Statistics to build and maintain a complete, uniform system of accurate vital information which satisfies the legal requirements of individuals and their families, provides timely and convenient access for research and statistical needs for planning at the local, state, and national levels, and ensures the security of the information guaranteed by law."

The Office of Vital Statistics:

Maintains a permanent public record of each birth, death, and fetal death filed in Montana since 1907.

Maintains statistical information and statewide indexes for each marriage and marital termination that has occurred in Montana since July 1943.

Develops forms, standards, and guidelines for registration or reporting of all vital events occurring in the State of Montana.

Directs and monitors the functions of 56 local registrars to assure statewide compliance with the statutory mandate for uniform application of registration laws, policies, and procedures.

Provides certified copies of birth, death, and fetal death certificates and processes certificate corrections, adoptions, legitimations, and delayed birth certificates.

Prepares and maintains computer files of State birth, death, fetal death, induced abortion, marriage, marital termination (divorce) data and monitors these files for data quality.

Builds and continues cooperative relationships with federal, state, and local agencies--including the National Center for Health Statistics--that collect, maintain, and use vital records and health statistics.

Provides statistical data tabulations and analyses in support of health policy development, status assessment, and service assurance.



The Honorable Judy Martz
Governor of Montana

Gail Gray, Ed.D.
Director
Montana Department of Public Health and Human Services

February 2002

ACKNOWLEDGMENTS

This report was prepared by the Office of Vital Statistics, Operations and Technology Division, Department of Public Health and Human Services.

Special appreciation is extended to following staff members:

James Edgar, M.P.A., Vital Statistics Office Supervisor

and to

Bruce Schwartz, M.A., M.P.A.--Research Specialist, for management of report preparation and final edit,

also

Kathy Thompson, Data Acquisition Supervisor

David Fulgham, Ph.D.--Mortality Statistician

Debbi Lemons, R.H.I.A., C.T.R.--Central Tumor Registry Manager

Tom Fenton, Statistical Technician

TABLE OF CONTENTS

CONTENTS	PAGE
TABLE OF FIGURES	iv
INTRODUCTION	1
TECHNICAL OVERVIEW	4
DATA SOURCES AND LIMITATIONS.	4
DATA TABULATIONS AND PRESENTATION	7
DEFINITIONS	31
NATALITY	38
FERTILITY	38
BIRTHS OUTSIDE HOSPITALS.	40
MOTHER'S AGE, RACE, AND MARITAL STATUS.	41
METHOD OF DELIVERY.	42
MORTALITY.	43
FETAL, INFANT, AND MATERNAL DEATHS.	46
AGE-SPECIFIC AND AGE-ADJUSTED DEATH RATES	47
AGE, SEX, AND RACE.	63
YEARS OF POTENTIAL LIFE LOST.	73
CANCER INCIDENCE AND PREVALENCE.	77
CANCER INCIDENCE BY PRIMARY SITE.	77
PROSTATE.	77
BREAST CANCER	79
LUNG CANCER	81
COLORECTAL	82
INDUCED ABORTION	84
MARRIAGE	86
MARITAL TERMINATION.	87
LIST OF REFERENCE TABLES	00-i
2000 VITAL STATISTICS REFERENCE TABLES	00-1

TABLE OF FIGURES

FIGURE	CONTENTS	PAGE
FIGURE 1	Classification Codes (ICD-9 and ICD-10) for Underlying Causes of Death.	9
FIGURE 2	International Statistical Classification of Diseases and Health-Related Problems (ICD-10), List of 358 Selected Causes of Death.	10
FIGURE 3	International Statistical Classification of Diseases and Health-Related Problems (ICD-10), List of 130 Selected Causes of Infant Death . .	22
FIGURE 4	International Statistical Classification of Diseases and Health-Related Problems (ICD-10), List of 358 Selected Causes of Death.	26
FIGURE 5	Resident Birth Rates – Montana and the United States, 1966-2000	38
FIGURE 6	Fertility Rates for Mothers of All Races– Montana Teens and Mothers of All Ages, 1991-2000	39
FIGURE 7	Fertility Rates for White Mothers – Montana Teens and Mothers of All Ages, 1991-2000	39
FIGURE 8	Fertility Rates for Native American Mothers – Montana Teens and Mothers of All Ages, 1991-2000	40
FIGURE 9	Percent of Births Outside Hospitals – Montana Occurrences, 1979-2000.	40
FIGURE 10	Percent of Births to Unmarried Mothers – Montana Occurrences, 1979-2000.	41
FIGURE 11	Frequency and Percent Distribution of Live Births by Age of Mother and Method of Delivery Montana Occurrences, 1991-2000.	42
FIGURE 12	Resident Crude Death Rates – Montana and the United States, 1966-2000.	43

FIGURE	CONTENTS	PAGE
FIGURE 13	Age-Adjusted Death Rates – Montana and United States Residents, 1991-2000	44
FIGURE 14	Age at Death in Years by Sex and Race – Central Tendency and Dispersion, Montana Residents, 1991-2000	45
FIGURE 15	Five-Year Infant Mortality Rates and Fetal Mortality Ratios – Montana Residents, 1979-2000	46
FIGURE 16	Age-Adjusted Death Rates for All Causes of Death – Montana and U.S. Residents, 1991-2000 .	49
FIGURE 17	Age-Specific Death Rates for All Causes of Death – Montana and U.S. Residents, 1991-2000 .	49
FIGURE 18	Age-Adjusted Death Rates for Heart Disease – Montana and U.S. Residents, 1991-2000	50
FIGURE 19	Age-Specific Death Rates for Heart Disease – Montana and U.S. Residents, 1991-2000	50
FIGURE 20	Age-Adjusted Death Rates for Cancer – Montana and U.S. Residents, 1991-2000	51
FIGURE 21	Age-Specific Death Rates for Cancer – Montana and U.S. Residents, 1991-2000	51
FIGURE 22	Age-Adjusted Death Rates for Cerebrovascular Disease – Montana and U.S. Residents, 1991-2000	52
FIGURE 23	Age-Specific Death Rates for Cerebrovascular Disease – Montana and U.S. Residents, 1991-2000	52
FIGURE 24	Age-Adjusted Death Rates for Chronic Lower Respiratory Diseases – Montana and U.S. Residents, 1991-2000.	53
FIGURE 25	Age-Specific Death Rates for Chronic Lower Respiratory Diseases – Montana and U.S. Residents, 1991-2000.	53
FIGURE 26	Age-Adjusted Death Rates for Accidents – Montana and U.S. Residents, 1991-2000	54

FIGURE	CONTENTS	PAGE
FIGURE 27	Age-Specific Death Rates for Accidents — Montana and U.S. Residents, 1991-2000	54
FIGURE 28	Age-Adjusted Death Rates for Motor Vehicle Accidents — Montana and U.S. Residents, 1991-2000	55
FIGURE 29	Age-Specific Death Rates for Motor Vehicle Accidents — Montana and U.S. Residents, 1991-2000	55
FIGURE 30	Age-Adjusted Death Rates for Non-Motor-Vehicle Accidents — Montana and U.S. Residents, 1991-2000	56
FIGURE 31	Age-Specific Death Rates for Non-Motor-Vehicle Accidents — Montana and U.S. Residents, 1991-2000	56
FIGURE 32	Age-Adjusted Death Rates for Pneumonia and Influenza — Montana and U.S. Residents, 1991-2000	57
FIGURE 33	Age-Specific Death Rates for Pneumonia and Influenza — Montana and U.S. Residents, 1991-2000	57
FIGURE 34	Age-Adjusted Death Rates for Diabetes — Montana and U.S. Residents, 1991-2000	58
FIGURE 35	Age-Specific Death Rates for Diabetes — Montana and U.S. Residents, 1991-2000	58
FIGURE 36	Age-Adjusted Death Rates for Suicide — Montana and U.S. Residents, 1991-2000	59
FIGURE 37	Age-Specific Death Rates for Suicide — Montana and U.S. Residents, 1991-2000	59
FIGURE 38	Age-Adjusted Death Rates for Nephritis, Nephrotic Syndrome, and Nephrosis — Montana and U.S. Residents, 1991-2000	60

FIGURE	CONTENTS	PAGE
FIGURE 39	Age-Specific Death Rates for Nephritis, Nephrotic Syndrome, and Nephrosis – Montana and U.S. Residents, 1991-2000	60
FIGURE 40	Age-Adjusted Death Rates for Alzheimer's Disease – Montana and U.S. Residents, 1991-2000	61
FIGURE 41	Age-Specific Death Rates for Alzheimer's Disease – Montana and U.S. Residents, 1991-2000	61
FIGURE 42	Age-Adjusted Death Rates for Chronic Liver Disease and Cirrhosis – Montana and U.S. Residents, 1991-2000.	62
FIGURE 43	Age-Specific Death Rates for Chronic Liver Disease and Cirrhosis – Montana and U.S. Residents, 1991-2000.	62
FIGURE 44	Percent Distribution of Deaths By Selected Cause and Race – Male Montana Residents, 2000 .	64
FIGURE 45	Percent Distribution of Deaths By Selected Cause and Race – Female Montana Residents, 2000	65
Figure 46	Leading Causes of Death By Age – Montana Residents, 2000	67-72
FIGURE 47	Frequency of Death By Cause of Death – Montana Residents, 2000	74
FIGURE 48	Total Years of Potential Life Lost Before Age 75 By Cause of Death – Montana Residents, 2000.	74
FIGURE 49	Average Years of Potential Life Lost Before Age 75 By Cause of Death – Montana Residents, 2000.	75
FIGURE 50	Age at Death and Years of Potential Life Lost Before Age 75 By Cause of Death – Central Tendency and Dispersion–Montana Residents, 2000	76
FIGURE 51	Diagnoses of Prostate Cancer – Montana Residents, 1991-2000.	78

FIGURE	CONTENTS	PAGE
FIGURE 52	Five-Year Relative Survival by Stage at Diagnosis for Prostate Cancer – Montana and the United States, 1991-2000.	79
FIGURE 53	Diagnoses of Breast Cancer – Montana Residents, 1991-2000	80
FIGURE 54	Five-Year Relative Survival by Stage at Diagnosis for Breast Cancer – Montana and the United States, 1991-2000	80
FIGURE 55	Diagnoses of Lung Cancer – Montana Residents, 1991-2000	81
FIGURE 56	Five-Year Relative Survival by Stage at Diagnosis for Lung Cancer – Montana and the United States, 1991-2000	82
FIGURE 57	Diagnoses of Colorectal Cancer – Montana Residents, 1991-2000	82
FIGURE 58	Five-Year Relative Survival by Stage at Diagnosis for Colorectal Cancer – Montana and the United States, 1991-2000 . . .	83
FIGURE 59	Ratio of Induced Abortions to Live Births – Montana Occurrences, 1975-1999.	84
FIGURE 60	Marriage Rates - Montana and the United States, 1965-1999	86
FIGURE 61	Marital Termination Rates - Montana and the United States, 1965-1999.	87

INTRODUCTION

This report was prepared by the Office of Vital Statistics (OVS) of the Montana Department of Public Health and Human Services (DPHHS). The following organizations also provided information: The Montana Central Tumor Registry (MCTR) of DPHHS, the Montana Communicable Disease Program, also of DPHHS, and the Census and Economic Information Center of the Montana Department of Commerce. The report provides a reference to some of the more frequently used Montana vital and health statistics. Because it is intended primarily for reference, there is limited analysis and interpretation of the data. This Report, and several additional tabulations, are available on the Montana Vital Statistics website: http://www.dphhs.state.mt.us/divisions/otd/vital/statistical_tables.htm. More detailed tabulations and analyses are available on request, as time and other resources permit.

A general discussion of the findings, with descriptive figures, appears on pages 38 through 87. Vital statistics reference tables for 2000 appear on pages 00-1 through 00-70. Where space permits, data for one or more prior years are provided for comparison. **Tables 1, 3, 4, 21, 26, and 27** provide frequencies and statistics on selected vital events. **Table 2** shows Montana's resident population by county according to the 1980,1990, and 2000 Censuses. **Tables 5 through 8** present data on natality (births). Mortality (death) data are presented in **Tables 9 through 15. Tables 16 through 19** provide data on induced abortions. Marriages are covered in **Tables 20 and 22 through 25. Tables 28 through 30** contain summaries of the incidence of communicable diseases. **Tables 31 through 33** provide information on the incidence of cancer.

Records collected by the OVS provide the majority of data for these statistics and tabulations. These records include certificates of birth, death, and fetal death and transcripts of information on marriage, marital termination, and legally induced abortions. Any other source of data--such as the U.S. Bureau of the Census, the Montana Central Tumor Registry, or the Communicable Disease Program of DPHHS--is cited in the text or table where the data are used.

VITAL REGISTRATION AND DATA COLLECTION

Registration of births, deaths, and fetal deaths is a legal requirement. Birth certificates must be filed with the local registrar within ten days of the event. The attending physician, midwife, or parent must file the certificate in the county in which the birth occurred. Most births occurring in Montana are registered electronically. The person responsible for filing death or fetal death certificates is the funeral director or other person in charge of disposition of the body. The certificate must be filed with the county's local registrar no later than ten days after the date the death is discovered. A fetal death certificate must be filed when the fetus weighed 350 grams or more or, if the weight is unknown, the period of gestation was determined to be 20 weeks or more.

Montana vital statistics law makes marriage and marital termination reportable events. Before the tenth day of each month, the clerk of district court must report all marriages that have occurred, been dissolved, or been invalidated in the county during the preceding month. The Abortion Control Act makes any induced abortion occurring in Montana a reportable event. Facilities performing induced abortions are responsible for reporting within 30 days.

The original certificates of birth, death, and fetal death, and reports of induced abortion, marriage, and divorce, are forwarded to the Office of Vital Statistics. Birth, death and fetal death certificates are permanently filed with and maintained by the OVS. The office maintains electronic records of all events in Montana's Vital Statistics System.

OVS staff checks all records and reports for accuracy and completeness and codes them for data entry. Those data that are not received electronically are key-entered and maintained in electronic files. Vital records files contain the legal portions of the certificates and reports. Vital statistics files contain statistical information without identification of individuals.

The OVS designs vital certificate and report forms to meet all legal registration and reporting requirements and to provide statistical data to federal, state, and county government agencies, modifying these forms as information requirements change. The following statistical data on these vital events are available for analysis:

NATALITY (1989-2000)

- Date, hour, and place of birth.
- Age, race, ancestry, education, and birthplace of the parents; place of residence and marital status of the mother.
- Pregnancy history, including number of prior pregnancies, date and results of last prior pregnancy; date of last normal menses; month in which prenatal care began; number of prenatal visits; maternal risk factors during the pregnancy; medical conditions, tobacco and alcohol use, and weight gain.
- Birth process (including whether the mother was transferred to the hospital), obstetric procedures, complications of labor and delivery, method of delivery, and clinical estimate of gestation.
- Infant's sex, plurality, birth order, birthweight, and APGAR scores; the prophylactic used in the infant's eyes; whether the infant was transferred to another hospital; and any abnormal conditions or congenital anomalies.

MORTALITY (1989-2000)

- Date, hour, and place of death.
- Decedent's age at death, sex, race, ancestry, education, marital status, birthplace, and place of residence.
- Underlying cause of death; whether an autopsy was performed and, if so, whether results were available when cause of death was determined; if death resulted from an external cause (accident, suicide, or homicide), the circumstances of the injury, including whether it was sustained at work. If death resulted from an injury at work, the industry in which the decedent was employed is recorded.

FETAL MORTALITY (1989-2000)

- Date, hour, and place of delivery.
- Age, race, ancestry, and education, of parents; place of residence and marital status of the mother.
- Cause of fetal death; the sex, weight, plurality, birth order, and any anomalies or abnormal conditions of the fetus.

- Significant conditions of the mother, including number of prior pregnancies, date and result of last prior pregnancy; date of last normal menses; month in which prenatal care began; number of prenatal visits; maternal risk factors during the pregnancy--medical conditions, tobacco and alcohol use, and weight gain; clinical estimate of gestation; obstetric procedures; complications of labor and delivery; method of delivery.

MARRIAGE (1993-2000)

- Date and place of license issuance; date and place of marriage.
- Age, race, education, birthplace, and residence of the bride and groom.
- Previous marital history, including number of prior marriages and reason for termination of the most recent prior marriage (death or divorce), if applicable.

MARITAL TERMINATION (1993-1997, 2000)

- Date and place of decree; type of termination (dissolution or invalid marriage); legal grounds for invalid marriage; whether the marriage was terminated in tribal or district court.
- Age, race, education, birthplace, and residence of wife and husband.
- Number of this marriage; reason for termination of the most recent prior marriage for each party; date the couple last lived in the same household; length of marriage; and petitioner.
- Number of children born alive of this marriage; number of children under 18 years of age in the household; number of children whose custody was awarded to the wife, husband, both, or another party.

INDUCED ABORTION (1989-2000)

- Date and place of procedure.
- Age, ancestry, race, education, marital status, birth date, and county of residence of patient.
- Pregnancy history, including date of last normal menses, clinical estimate of gestation, and number and result of prior pregnancies.
- Primary procedure that terminated pregnancy, additional procedures used, and resulting complications.

TECHNICAL OVERVIEW

DATA SOURCES AND LIMITATIONS

DELAY IN REPORTING

This report includes vital records and transcripts for calendar year 2000 received before July 15, 2001. The number of records received after this latter date is small, and since the use of this "cut off" date is fairly consistent from year to year, the effect of omitted data on trends and patterns is likely to be minimal.

GEOGRAPHIC ALLOCATION

Table titles or footnotes indicate whether Vital Statistics are shown by place of residence or place of occurrence. For example, if a resident of Florida is killed in an automobile accident in Montana, the death is counted as a Montana occurrence but is included in Florida's residence statistics. Births, deaths, and fetal deaths may be tabulated either way. For deaths, the place of residence is the usual state and county of residence of the decedent. For births, the place of residence of the child is the usual state and county of residence of the mother. Place of residence, when reported for fetal deaths, is that of the mother.

Residence data for births, deaths, and fetal deaths occurring out-of-state are available because of a cooperative, interstate transcript-exchange agreement. All states and the provinces of Canada participate in this agreement under the auspices of the National Association for Public Health Statistics and Information Systems. Interstate data on induced abortions are not available for all states, so all tabulations of abortion data except those in **Table 27** are by Montana occurrence. The resident abortion statistics in **Table 27** are incomplete because only in-state occurrences to Montana residents are tabulated.

While we can determine most of the nonresidents marrying in Montana, we do not know how many Montana residents marry outside of the state, nor do we know of residency changes associated with marital terminations. No exchange agreement is in effect for marriages or marital terminations. These tabulations are thus only by Montana occurrence. Data on marital terminations are limited to Montana decrees involving at least one Montana resident and are tabulated as occurrences by the Montana county in which the decree was issued.

CAUSE OF DEATH CERTIFICATION

The medical certification section of the Montana Death Certificate asks for information on the causal and chronological sequence of events leading to death. The attending physician or coroner completes this section of the death certificate. It consists of two parts. Part I is used for reporting the conditions leading directly to death and, for each, the interval between onset of the conditions and death. Part II is for reporting any important diseases or conditions that influenced the course of the illness or trauma unfavorably, thus contributing to the fatal outcome, but that were not related to the immediate cause of death. For example, a medical certification might read as follows:

Part I. Death was caused by:			Duration
Immediate cause	Due to	(a) *postoperative bronchial pneumonia*	*3 days*
	Due to	(b) *lobectomy*	*1 week*
Underlying cause	Due to	(c) *primary cancer of lung*	*1 year*

Part II. Other significant conditions
Hypertensive cardiovascular disease

The causes of death in this report represent the underlying causes derived from the information provided on Parts I and II. In the above example, the underlying cause would be lung cancer. Each condition or cause reported on death certificates is classified according to the International Statistical Classification of Diseases, Injuries, and Related Health Problems, Tenth Revision, World Health Organization, Geneva, 1992 (ICD-10). The nosologist, the person responsible for coding cause of death, develops an underlying cause using ICD-10 codes and coding procedures developed for nationwide use by the National Center for Health Statistics (NCHS) of the Centers for Disease Control and Prevention (CDC), Public Health Services, U.S. Department of Health and Human Services. The ICD-10 code for the death in the illustration above would be C34.9, "malignant neoplasm of bronchus or lung, area or lobe unspecified."

When the underlying cause is a traumatic injury, poisoning, or other adverse effects, this report shows tabulations of deaths according to the nature of the event that led to fatal injury, poisoning, or adverse effect rather than the nature of the event's consequences.

Whenever possible, deaths are classified by the underlying cause reported. Exceptions occur when the underlying cause is not apparent from the certificate and clarification is not available. In these instances, the probable underlying cause is determined using a system of rules developed by NCHS.

MARRIAGE AND MARITAL TERMINATION

Reliance on national marriage and marital termination statistics is limited by differences in data collection and data availability at or below the state level. Marriage, marital termination and residency are defined by the laws of each state. The minimum age for marriage, marriage license requirements, residency requirements for marital termination, acceptable grounds for such termination, and minimum period between marriage and marital termination vary from state to state. These differences can affect the comparability of data from state to state.

Data aggregation is also affected by how data are collected and reported. For most states, including Montana, frequency of marriage is based on marriages performed. For New Mexico, New York City, and some counties of Arizona, data represent licenses issued.

POPULATION ESTIMATES

All crude rates per 1,000 or per 100,000 population in this report are based on population data provided by the U. S. Bureau of the Census (Census Bureau). For intercensal years (all years not ending with 0"), the Census Bureau uses the Tax Return method (formerly, the Administrative Records Method) to arrive at population "estimates." This method includes the use of Vital (birth and death) Records. These estimates refer to the resident population on July 1st of the year indicated. Population data for census years are known as "enumerations," and refer to the resident population on April 15th of the year indicated. The Census Bureau arrives at enumerations without the use of Vital Records. Both estimates and enumerations are used to derive the population-based mortality rates.

RACE

Tabulation of vital events by race is imprecise for several reasons. First, it is difficult to identify a single or predominant race when persons are of mixed ancestry, as is the case for many U.S. citizens. A second difficulty with tabulations by race is that the category assignment is based on the opinion of the informant. As such, it may not reflect the same definitions of racial groups from one record to the next.

For births and fetal deaths, the race of the infant or fetus is defined as the reported race of the mother. This is the NCHS definition of infant or fetal race and is used so Montana statistics may be compared to U.S. regional and national statistics.

There are two other areas where racial classifications may lack precision: the "Hispanic" ancestry designation and the grouping of responses into an "Other" category. Hispanic ancestry is reported separately from race. Thus, it may apply to any racial category including "White" and "Native American." The proportion of persons in Montana reported as being of Hispanic ancestry is so small, however, that creating racial categories based on combined racial and Hispanic classifications is unlikely to yield any useful information.

The "Other" category is made up of all individuals not classified in the identified group(s) shown in the table. Those for whom race is not reported are therefore included as "Other." According to the 2000 Census, more than 90% of Montana's population at the time considered itself white, while indicating no other racial classification. More than 92% of the population considered itself white in combination with some other racial classification, such as African American or American Indian (Native American). Thus, classifying persons of unknown race as "Other" could introduce an unknown, probably slight, bias into statistics calculated from the data in these tables.

MARITAL STATUS

Mother's marital status is designated "Married" on the birth record if the mother is shown on the birth certificate as married "at birth, conception or any time in between." "Unmarried" indicates that the mother was not married at any time during the pregnancy.

Marital status for death and abortion records is "Married or Separated," "Divorced," "Widowed," or "Single" as described by the informant. The "Divorced" designation on such records includes both marital dissolutions (formerly called divorces) and invalid marriages (formerly called annulments).

LIMITATIONS OF SMALL NUMBERS

The occurrence of vital events is subject to chance variation. For example, a birth at 11:59 P.M. on December 31 would be counted in one year. If the infant had been born two minutes later at 12:01 A.M., the birth would be counted in the following year. This phenomenon is not of great importance for states or counties with substantial populations, since the relative number of births is not greatly affected by one event. However, for Montana counties, with their relatively small populations, the occurrence of an event in one year rather than the next could change the pattern of events and might lead to mistaken conclusions about trends in the county's birth rate.

When the number of events is displayed, the occurrence of small numbers is obvious. When rates or percentages are based on small numbers of events, that fact may not be immediately apparent. Rates or trends based on small numbers, less than 100, must be interpreted with caution. Meaningful conclusions cannot be drawn based on frequencies of less than five. This report provides the frequency and rate in all tables where rates based on small numbers of events may appear so the reader can gage the reliability of these rates.

Similarly, percentages based on small totals can be misleading. For example, if there were ten births in a county and three of the new mothers were 18 or 19, the distribution of births by mother's age would show that 30% of the county's births were to teenagers. While accurate, this statistic is probably not very useful for making policy.

Tabulating occurrences of an event over a period of several years may reduce the impact of chance variability in rates or percentages based on small numbers. An example is the five-year infant mortality rate shown in

Table 13 or the five-year "rolling" rates displayed in **Figure 15**. However, the OVS has limited the use of multi-year rates in this report because such rates can conceal changes in trends that take place during the multi-year period.

DATA TABULATION AND PRESENTATION

GEOGRAPHIC TABULATION

The birth, death, fetal death, and induced abortion data are tabulated for Montana residents by place of residence and for all vital events occurring in Montana by place of occurrence. All occurrence statistics include events that occurred in Montana to residents of other states. Births, deaths, and fetal deaths that occurred out-of-state to Montana residents are included under resident statistics. Resident statistics on induced abortions include only in-state occurrences.

CAUSE OF DEATH AND CONVERSION TO ICD-10

Periodically, the system used for the classification of diseases and causes of death is revised. Beginning with mortality data for 1999, OVS is now reporting underlying cause of death information captured and categorized by ICD-10.

The discussion and tables in this report refer to the underlying cause-of-death, grouped into named diseases and conditions. These are groupings that NCHS and most public health professionals use. In many cases, the ICD-10 and ICD-9 codes are listed in the table along with the condition or disease name; however, some tables show only the name.

Figure 1 shows how ICD-10 codes are grouped into cause-of-death conditions and diseases for many of the causes of death tabulated and discussed in this report, as well categories frequently reported as "leading" causes of death. Corresponding ICD-9 codes are shown, as well as preliminary "comparability ratios" computed by NCHS.

Each new version of the ICD code introduces new categories, titles, groupings of disease, and coding rules in an effort to keep pace with the needs of medical and public health research. However, each new version introduces problems with the comparability of mortality data classified with different versions of the code. Past revisions of ICD have revealed discontinuities in statistical trends that can be attributed to changes in coding and classification procedures alone.

NCHS attempts to quantify the effects of ICD revisions through double coding of death records (i.e. coding underlying cause of death on each record using both the old and new versions of ICD) and comparing the frequencies produced by the two coding schemes. For each category of interest, a ratio of the number of deaths classified in the latest version to that classified in the previous version is calculated. Such "comparability ratios" provide estimates of the change attributed to the revision alone and help distinguish "coding changes" from "real changes," (i.e. changes in the underlying forces of mortality in the population). The comparability ratios shown in **Figure 1** represent some preliminary results from a very large nonrandom sample of death records (more than 1.8 million) from 50 states and the District of Columbia, about 80 percent of all resident deaths occurring in the U.S. in 1996. These ratios are presented to indicate the approximate order of magnitude of expected changes in coding for underlying cause of death. They should not be expected to apply precisely to Montana's death experience in 2000 or that of any other particular geographic location in any other year.

For example, the comparability ratio for "nephritis, nephrotic syndrome, and nephrosis", 1.2320, indicates we can expect to see an increase of roughly one quarter in the number of deaths due to this cause solely because of the change from ICD-9 to ICD-10. The comparability ratio for pneumonia and influenza, 0.6982, indicates that the observed number of deaths due to that cause will be reduced by about 30% because of the coding change. The comparability ratio for Alzheimer's Disease of 1.5536 means we can expect approximately half again as many such classifications. Such effects must be taken into account when interpreting trends in mortality if one is to isolate the underlying forces of mortality that public health programs seek to affect.

Such changes in the frequencies of death for various causes are reflected in crude and age-adjusted rates of death for specific causes of death. For example, trends in the age-adjusted death rates for several causes of death shown in this report show marked discontinuities between rates collected before 1999 using ICD-9 and those collected during and after 1999 using ICD-10. (See the discussion and display of "Age-specific and age-adjusted death rates" in the Mortality section of the narrative.

Among other notable changes is the elimination of the ICD-9 category "chronic obstructive pulmonary diseases" (COPD), which has been replaced by the ICD-10 category "chronic lower respiratory diseases" (CLRD). The categories differ in that CLRD does not contain those causes of death in ICD-9 rubric 495. These causes include "extrinsic allergic alveolitis," i.e. allergic alveolitis and pneumonitis due to inhaled organic dust.

Also, ICD-10 removes "misadventures to patients in surgical or medical care" (ICD-9: 870 - 876), "surgical and medical procedures causing reaction," (ICD-9: 878 - 879), and "drugs causing adverse effects in therapeutic use " (ICD-9: 930 - 949) from the "accidents" category and places them in a new category called "complications of medical and surgical care."

The ICD-9 category "homicide and legal intervention," which was reportable as a leading cause of death, was replaced by "assault" which no longer contains "legal intervention" (ICD-9: 970 - 978) but still contains "homicide" (ICD-9: 960 - 969).

Figures 2, 3, and 4 show ICD-10 code ranges for cause-of-death categories displayed in **Tables 9, 10, and 12,** respectively. **Table 9** lists up to 358 causes of death commonly listed by NCHS. **Table 10** shows up to 113 causes of death commonly listed. Some of these 113 causes are used for ranking leading causes of death. Those categories preceded by a pound sign (#) are eligible for ranking as a leading cause of death. **Table 12** lists up to 130 causes of infant death. Again, those categories preceded by a pound sign are eligible for ranking as a leading cause of death.

Figure 1

CLASSIFICATION (ICD-10 AND ICD-9) CODES FOR UNDERLYING CAUSES OF DEATH

Underlying Cause of Death	ICD-10 Code (s)	ICD-9 Code (s)	Comparability Ratio
Tuberculosis	A16 - A19	010 - 018, 137	0.8547
Septicemia	A40 - A41	038	1.1949
Human Immunodeficiency Virus (HIV) Infection	B20 - B24	042 - 044	1.0637
Malignant Neoplasms (Cancer)	C00 -C97	140 - 208	1.0068
Diabetes Mellitus (Diabetes)	E10 - E14	250	1.0082
Alzheimer's Disease	G30	331.0	1.5536
Diseases of Heart	I00 - I09, I11, I13, I20 - I51	390 - 398, 402, 404, 410 - 429	0.9858
Cerebrovascular Disease	I60 - I69	430 - 434, 436 - 438	1.0588
Atherosclerosis	I70	440	0.9637
Pneumonia and Influenza	J10 - J18	480 - 487	0.6982
Chronic Obstructive Pulmonary Diseases	N/A	490 - 496	N/A
Chronic Lower Respiratory Diseases	J40 - J47	490 - 494, 496	1.0478
Diseases of Appendix	K35 - K38	540 - 543	1.0347
Chronic Liver Disease and Cirrhosis	K70, K73 - K74	571	1.0367
Nephritis, Nephrotic Syndrome, and Nephrosis	N00 - N07, N17 – N19, N25 - N27	580 - 589	1.2320
Certain Conditions Originating in the Perinatal Period	P00 - P96	760 - 771.2, 771.4 - 779	1.0658
Congenital Malformations, Deformations, and Chromosomal Anomalies	Q00 - Q99	740 - 759	0.8470
Sudden Infant Death Syndrome (SIDS)	R95	798.0	1.0362
Accidents	V01 - X59, Y85 – Y86	E800 - E869, E880 - E929	1.0305
Motor Vehicle Accidents	V02 - V04, V09.0, V09.2, V12 - V14, V19.0 - V19.2, V19.4 - V19.6, V20 -V79, V80.3 - V80.5, V81.0 - V81.1, V82.0 - V82.1, V83 - V86, V87.0 - V87.8, V88.0 - V88.8, V89.0, V89.2	E810 - E825	0.8527
Non-Motor Vehicle Accidents	V01, V05 - V08, V09.1, V09.3 - V11, V15 - V18, V19.3, V19.7 - V19.9, V80.1 -V80.2, V80.6 - V80.9, V81.2 - V81.9, V82.2 - V82.9, V87.9, V88.9, V89.3 - X59.9, Y85 - Y86	E800 - E807, E826 -E929	1.1134
Intentional Self-Harm (Suicide)	X60 - X84, Y87.0	E950 - E959	0.9962
Assault (Homicide)	X85 - Y09, Y87.1	E960 - E969	0.9983
Complications of Medical and Surgical Care	Y40 - Y84, Y88	E870 - E879, E930 - E949	NA

NA Not available.
N/A The category, chronic obstructive pulmonary diseases, is not used in ICD-10 and is therefore not applicable.

Figure 2

INTERNATIONAL STATISTICAL CLASSIFICATION OF DISEASES AND HEALTH-RELATED PROBLEMS (ICD-10)
LIST OF 358 SELECTED CAUSES OF DEATH

UNDERLYING CAUSE OF DEATH	ICD–10 CODE(S)
All causes	
1 Certain infectious and parasitic diseases	**A00-B99**
Intestinal infectious diseases	A00-A09
1 Cholera	A00
Other intestinal infectious diseases	A01-A08
2 Typhoid fever	A01.0
3 Paratyphoid fevers and other salmonella infections	A01.1-A01.4, A02
4 Shigellosis	A03
5 Other bacterial food-borne intoxications	A05
6 Amebiasis	A06
7 Intestinal infections due to other specified organisms	A04, A07-A08
8 Diarrhea and gastroenteritis of presumed infectious origin	A09
Tuberculosis	A16-A19
9 Respiratory tuberculosis	A16
10 Other tuberculosis	A17-A19
Zoonotic and other bacterial diseases	A20-A49
11 Plague	A20
12 Brucellosis	A23
13 Tetanus	A33-A35
14 Diphtheria	A36
15 Whooping cough	A37
16 Scarlet fever and erysipelas	A38, A46
17 Meningococcal infection	A39
18 Septicemia	A40-A41
19 Other zoonotic and bacterial diseases	A21-A22, A24-A32, A42-A44, A48-A49
Infections with a predominately sexual mode of transmission	A50-A64
Syphilis	A50-A53
20 Cardiovascular syphilis	A52.0
21 Neurosyphilis	A52.1-A52.3
22 Other and unspecified syphilis	A50-A51, A52.7-A52.9, A53
23 Gonococcal infection	A54
24 Other infections with a predominately sexual mode of transmission	A55-A64
Other infections caused by spirochetes, chlamydia or rickettsia	A65-A79
25 Lyme disease	A69.2
26 Typhus fever	A75
27 All other infections caused by spirochetes, chlamydia or rickettsia	A65-A68, A69.0-A69.1, A69.8-A69.9, A70-A74, A77-A79
Viral diseases	A80-B34
28 Acute poliomyelitis	A80
29 Rabies	A82
30 Arthropod-borne viral encephalitis	A83-A84, A85.2
31 Yellow fever	A95
32 Other and unspecified arthropod-borne viral and hemorrhagic fevers	A90-A94, A96-A99
33 Herpesviral (herpes simplex) infections	B00

Figure 2 (CONTINUED)

INTERNATIONAL STATISTICAL CLASSIFICATION OF DISEASES AND HEALTH-RELATED PROBLEMS (ICD-10)
LIST OF 358 SELECTED CAUSES OF DEATH

UNDERLYING CAUSE OF DEATH	ICD–10 CODE(S)
34 Zoster (herpes zoster)	B02
35 Smallpox	B03
36 Measles	B05
37 Rubella (German measles)	B06
38 Viral hepatitis	B15-B19
Human immunodeficiency virus (HIV) disease	B20-B24
39 Human immunodeficiency virus (HIV) disease resulting in infectious and parasitic diseases	B20
40 Human immunodeficiency virus (HIV) disease resulting in malignant neoplasms	B21
41 Human immunodeficiency virus (HIV) disease resulting in other specified diseases	B22
42 Human immunodeficiency virus (HIV) disease resulting in other conditions	B23
43 Unspecified human immunodeficiency virus (HIV) disease	B24
44 All other and unspecified viral diseases	A81 ,A85.0-A85.1, A85.8, A86-A89, B01, B04, B07-B09, B25-B34
Other and unspecified infectious and parasitic diseases and their sequelae	B35-B99
45 Mycoses	B35-B49
Protozoal diseases	B50-B64
46 Malaria	B50-B54
47 Leishmaniasis	B55
48 Trypanosomiasis	B56-B57
49 Pneumocystosis	B59
50 Other and unspecified protozoal diseases	B58,B60-B64
Helminthiases	B65-B83
51 Schistosomiasis (bilharziasis)	B65
52 Other and unspecified helminthiases	B66-B83
53 Sequelae of tuberculosis	B90
54 Sequelae of poliomyelitis	B91
55 All other and unspecified infectious and parasitic diseases and their sequelae	B85-B89, B92-B99
11 Neoplasms	**C00-D48**
Malignant neoplasms	C00-C97
Malignant neoplasms of lip, oral cavity and pharynx	C00-C14
56 Of lip	C00
57 Of tongue	C01-C02
58 Of pharynx	C10-C13, C14.0
59 Of other and unspecified sites within the lip, oral cavity and pharynx	C03-C09, C14.2-C14.8
Malignant neoplasms of digestive organs	C15-C26
60 Of esophagus	C15
61 Of stomach	C16
62 Of small intestine	C17
Of colon, rectum and anus	C18-C21
63 Colon	C18

Figure 2 (CONTINUED)

INTERNATIONAL STATISTICAL CLASSIFICATION OF DISEASES AND HEALTH-RELATED PROBLEMS (ICD-10)
LIST OF 358 SELECTED CAUSES OF DEATH

UNDERLYING CAUSE OF DEATH	ICD–10 CODE(S)
64 Rectosigmoid junction and rectum	C19-C20
65 Anus and anal canal	C21
Of liver and intrahepatic bile ducts	C22
66 Liver	C22.0, C22.2-C22.9
67 Intrahepatic bile duct carcinoma	C22.1
68 Of gallbladder and extrahepatic bile ducts	C23-C24
69 Of pancreas	C25
70 Of other and ill-defined digestive organs	C26
Malignant neoplasms of respiratory and intrathoracic organs	C30-C39
71 Of nasal cavity, middle ear and accessory sinuses	C30-C31
72 Of larynx	C32
73 Of trachea, bronchus and lung	C33-C34
74 Of thymus, heart, mediastinum and pleura	C37-C38
75 Of other and ill-defined sites in respiratory system and intrathoracic organs	C39
76 Malignant neoplasms of bone and articular cartilage	C40-C41
Melanoma and other malignant neoplasms of skin	C43-C44
77 Malignant melanoma of skin	C43
78 Other malignant neoplasms of skin	C44
Malignant neoplasms of mesothelial and soft tissue	C45-C49
79 Mesothelioma	C45
80 Kaposi's sarcoma	C46
81 Of other mesothelial and soft tissue	C47-C49
82 Malignant neoplasm of breast	C50
Malignant neoplasms of female genital organs	C51-C58
83 Of vulva and vagina	C51-C52
84 Of cervix uteri	C53
85 Of corpus uteri and uterus, part unspecified	C54-C55
86 Of ovary	C56
87 Of other and unspecified female genital organs	C57
88 Of placenta	C58
Malignant neoplasms of male genital organs	C60-C63
89 Of prostate	C61
90 Of testis	C62
91 Of penis and other and unspecified male genital organs	C60, C63
Malignant neoplasms of urinary tract	C64-C68
92 Of kidney and renal pelvis	C64-C65
93 Of bladder	C67
94 Of other and unspecified sites within the urinary tract	C66, C68
95 Malignant neoplasm of eye and adnexa	C69

Figure 2 (CONTINUED)

INTERNATIONAL STATISTICAL CLASSIFICATION OF DISEASES AND HEALTH-RELATED PROBLEMS (ICD-10)
LIST OF 358 SELECTED CAUSES OF DEATH

UNDERLYING CAUSE OF DEATH	ICD–10 CODE(S)
Malignant neoplasms of meninges, brain and other parts of central nervous system	C70-C72
96 Of brain	C71
97 Of other parts of central nervous system	C70, C72
98 Malignant neoplasms of thyroid and other endocrine glands	C73-C75
99 Other malignant neoplasms of other and unspecified sites	C76-C80, C97
Malignant neoplasms of lymphoid, hematopoietic and related tissue	C81-C96
100 Hodgkin's disease	C81
Of other lymphoid, hematopoietic and related tissue	C82-C85, C96
101 Non-Hodgkin's lymphoma	C82-C85
102 Of other and unspecified lymphoid, hematopoietic and related tissue	C96
103 Malignant immunoproliferative diseases	C88
104 Multiple myeloma and malignant plasma cell neoplasms	C90
Leukemia	C91-C95
105 Lymphoid leukemia	C91
106 Myeloid leukemia	C92
107 Monocytic leukemia	C93
108 Other and unspecified leukemia	C94-C95
In situ neoplasms	D00-D09
109 Carcinoma in situ of breast and genitourinary system	D05-D07
110 Carcinoma in situ of other and unspecified sites	D00-D04, D09
Benign neoplasms	D10-D36
111 Of female genital organs	D25-D28
112 Of eye, brain and other parts of central nervous system	D31-D33
113 Of other and unspecified sites	D10-D24, D29-D30, D34-D36
114 Neoplasms of uncertain or unknown behavior of specified sites	D37-D47
115 Neoplasm of uncertain or unknown behavior of unspecified sites	D48
III Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism	**D50-D89**
Anemias	D50-D64
116 Nutritional anemias	D50-D53
117 Hemolytic anemias	D55-D59
118 Aplastic anemias	D60-D61
119 Acute posthemorrhagic and other anemias	D62, D64
120 Coagulation defects, purpura and other hemorrhagic conditions	D65-D69
121 Other diseases of blood and blood-forming organs	D70-D76
122 Certain disorders involving the immune mechanism	D80-D89
IV Endocrine, nutritional and metabolic diseases	**E00-E88**
Endocrine diseases	E00-E34
123 Disorders of thyroid gland	E00-E07
124 Diabetes mellitus	E10-E14
125 Disorders of pituitary gland	E22-E23
126 Disorders of adrenal glands	E24-E27
127 Diseases of thymus	E32
128 Other endocrine diseases	E15-E21, E28-E31, E34

Figure 2 (CONTINUED)

INTERNATIONAL STATISTICAL CLASSIFICATION OF DISEASES AND HEALTH-RELATED PROBLEMS (ICD-10)
LIST OF 358 SELECTED CAUSES OF DEATH

UNDERLYING CAUSE OF DEATH	ICD–10 CODE(S)
Nutritional diseases	E40-E68
Malnutrition	E40-E46
129 Nutritional marasmus	E41
130 Other and unspecified malnutrition	E40, E42-E46
131 Other nutritional deficiencies	E50-E64
132 Obesity and other hyperalimentation	E65-E68
Metabolic disorders	E70-E88
133 Cystic fibrosis	E84
134 Volume depletion, disorders of fluid, electrolyte and acid-base balance	E86-E87
135 Other metabolic disorders	E70-E83, E85, E88
V Mental and behavioral disorders	**F01-F99**
136 Organic dementia	F01, F03
137 Other and unspecified organic mental disorders	F04-F09
Mental and behavioral disorders due to psychoactive substance use	F10-F19
138 Mental and behavioral disorders due to use of alcohol	F10
139 Mental and behavioral disorders due to other psychoactive substance use	F11-F19
140 Schizophrenia, schizotypal and delusional disorders	F20-F29
141 Mood (affective) disorders	F30-F39
142 Neurotic, stress-related and somatoform disorders	F40-F48
143 Mental retardation	F70-F79
144 Other and unspecified mental and behavioral disorders	F50-F69, F80-F99
VI Diseases of the nervous system	**G00-G98**
145 Meningitis	G00, G03
146 Other inflammatory diseases of central nervous system	G04-G09
147 Parkinson's disease	G20-G21
148 Alzheimer's disease	G30
149 Multiple sclerosis	G35
150 Epilepsy	G40-G41
151 Transient cerebral ischemic attacks and related syndromes	G45
152 Infantile cerebral palsy	G80
153 All other diseases of nervous system	G10-G12, G23-G25, G31, G36-G37, G43-G44, G47-G72, G81-G98
154 **VII Diseases of the eye and adnexa**	**H00-H57**
155 **VIII Diseases of the ear and mastoid process**	**H60-H93**
156 Acute rheumatic fever	I00-I02
Chronic rheumatic heart diseases	I05-I09
157 Rheumatic mitral valve diseases	I05
158 Rheumatic aortic valve diseases	I06
159 Disorders of both mitral and aortic valves	I08.0
160 Other chronic rheumatic heart diseases	I07, I08.1-I08.9, I09
Hypertensive diseases	I10-I13
161 Essential (primary) hypertension	I10
162 Hypertensive heart disease	I11
163 Hypertensive renal disease	I12

Figure 2 (CONTINUED)

INTERNATIONAL STATISTICAL CLASSIFICATION OF DISEASES AND HEALTH-RELATED PROBLEMS (ICD-10)
LIST OF 358 SELECTED CAUSES OF DEATH

UNDERLYING CAUSE OF DEATH	ICD–10 CODE(S)
164 Hypertensive heart and renal disease	I13
Ischemic heart diseases	I20-I25
165 Acute myocardial infarction	I21-I22
166 Other acute ischemic heart diseases	I24
Other forms of chronic ischemic heart disease	I20, I25
167 Atherosclerotic cardiovascular disease, so described	I25.0
168 All other forms of chronic ischemic heart disease	I20, I25.1-I25.9
Other heart diseases	I26-I51
Pulmonary heart disease and diseases of pulmonary circulation	I26-I28
169 Pulmonary embolism	I26
170 Other pulmonary heart disease and diseases of pulmonary circulation	I27-I28
Other non-pulmonary forms of heart disease	I30-I51
171 Acute and subacute endocarditis	I33
172 Diseases of pericardium and acute myocarditis	I30-I31, I40
Other diseases of endocardium	I34-I38
173 Nonrheumatic mitral valve disorders	I34
174 Nonrheumatic aortic valve disorders	I35
175 All other diseases of endocardium	I36-I38
176 Cardiomyopathy	I42
177 Conduction disorders and cardiac dysrhythmias	I44-I49
Heart failure	I50
178 Congestive heart failure	I50.0
179 Other and unspecified heart failure	I50.1-I50.9
180 Myocarditis, unspecified and myocardial degeneration	I51.4-I51.5
181 All other and ill-defined forms of heart disease	I51.0-I51.3, I51.6-I51.9
Cerebrovascular diseases	I60-I69
182 Subarachnoid hemorrhage	I60
183 Intracerebral and other intracranial hemorrhage	I61-I62
184 Cerebral infarction	I63
185 Stroke, not specified as hemorrhage or infarction	I64
186 Other cerebrovascular diseases and their sequelae	I67, I69
Diseases of arteries, arterioles and capillaries	I70-I78
187 Atherosclerosis	I70
188 Aortic aneurysm and dissection	I71
189 Other diseases of arteries, arterioles and capillaries	I72-I78
Other disorders of circulatory system	I80-I99
190 Phlebitis, thrombophlebitis, venous embolism and thrombosis	I80-I82
191 All other and unspecified disorders of circulatory system	I83-I99
X Diseases of the respiratory system	**J00-J98**
Acute upper respiratory infections	J00-J06
192 Acute pharyngitis and tonsillitis	J02-J03
193 Acute laryngitis and tracheitis	J04
194 Other and unspecified acute upper respiratory infections	J00-J01, J05-J06
Other diseases of the respiratory system	J10-J98
195 Influenza	J10-J11
Pneumonia	J12-J18

Figure 2 (CONTINUED)

INTERNATIONAL STATISTICAL CLASSIFICATION OF DISEASES AND HEALTH-RELATED PROBLEMS (ICD-10)
LIST OF 358 SELECTED CAUSES OF DEATH

UNDERLYING CAUSE OF DEATH	ICD–10 CODE(S)
196 Viral pneumonia, not elsewhere classified	J12
197 Bacterial pneumonia	J13-J15
198 Pneumonia due to other or unspecified organisms	J16, J18
Other acute lower respiratory infections	J20-J22
199 Acute bronchitis and bronchiolitis	J20-J21
200 Unspecified acute lower respiratory infection	J22
201 Other diseases of upper respiratory tract	J30-J39
Chronic lower respiratory diseases	J40-J47
Bronchitis, chronic and unspecified, emphysema and asthma	J40-J46
202 Bronchitis, not specified as acute or chronic	J40
203 Chronic bronchitis	J41-J42
204 Emphysema	J43
205 Other chronic obstructive pulmonary disease	J44
206 Asthma	J45-J46
207 Bronchiectasis	J47
Lung diseases due to external agents	J60-J70
208 Pneumoconioses and chemical effects	J60-J66, J68
Pneumonitis due to solids and liquids	J69
209 Pneumonitis due to food and vomit	J69.0
210 Other pneumonitis due to solids and liquids	J69.1-J69.8
211 Other lung diseases due to external agents	J67, J70
212 Suppurative and necrotic conditions of lower respiratory tract	J85-J86
213 Pleural effusion and plaque	J90, J92
214 All other diseases of respiratory system	J80-J84, J93-J98
XI Diseases of the digestive system	**K00-K92**
215 Diseases of oral cavity, salivary glands and jaws	K00-K14
Diseases of other parts of digestive system	K20-K92
216 Diseases of esophagus	K20-K22
Peptic ulcer	K25-K28
217 Gastric ulcer	K25
218 Duodenal ulcer	K26
219 Peptic ulcer, site unspecified	K27
220 Gastrojejunal ulcer	K28
221 Gastritis and duodenitis	K29
222 Dyspepsia and other diseases of stomach and duodenum	K30-K31
223 Diseases of appendix	K35-K38
224 Hernia	K40-K46
225 Crohn's disease and ulcerative colitis	K50-K51
226 Vascular disorders and obstruction of intestine without hernia	K55-K56
227 Diverticular disease of intestine	K57
228 Other diseases of intestines and peritoneum	K52, K58-K63
229 Diseases of peritoneum	K65-K66
Diseases of liver	K70-K76
230 Alcoholic liver disease	K70
231 Chronic hepatitis, not elsewhere classified	K73
232 Fibrosis and cirrhosis of liver	K74

Figure 2 (CONTINUED)

INTERNATIONAL STATISTICAL CLASSIFICATION OF DISEASES AND HEALTH-RELATED PROBLEMS (ICD-10)
LIST OF 358 SELECTED CAUSES OF DEATH

UNDERLYING CAUSE OF DEATH	ICD–10 CODE(S)
233 Other diseases of liver	K71-K72, K75-K76
234 Cholelithiasis and other disorders of gallbladder	K80-K82
Disorders of biliary tract and pancreas	K83-K86
235 Pancreatitis	K85, K86.0-K86.1
236 Other disorders of biliary tract and pancreas	K83, K86.2-K86.9
237 All other diseases of digestive system	K90, K92
XII Diseases of the skin and subcutaneous tissue	**L00-L98**
238 Infections of skin and subcutaneous tissue	L00-L08
239 Other and unspecified diseases of skin and subcutaneous tissue	L10-L98
XIII Diseases of the musculoskeletal system and connectivetissue	**M00-M99**
240 Rheumatoid arthritis and related inflammatory polyarthropathies	M05-M08
241 Systemic lupus erythematosus	M32
242 Other arthropathies and related disorders	M00, M02, M10-M31, M33-M35
243 Dorsopathies	M40-M54
244 Soft tissue disorders	M60-M79
Osteopathies, chondropathies and other disorders of musculoskeletal system and connective tissue	M80-M99
245 Osteoporosis	M80-M81
246 Other osteopathies, chondropathies and disorders of musculoskeletal system and connective tissue	M83-M99
XIV Diseases of the genitourinary system	**N00-N98**
Diseases of urinary system	N00-N39
Glomerular and renal tubulo-interstitial diseases	N00-N15
Glomerular diseases	N00-N07
247 Acute and rapidly progressive nephritic syndrome	N00-N01
248 Nephrotic syndrome	N04
249 Other and unspecified glomerular diseases	N02-N03, N05-N07
250 Renal tubulo-interstitial diseases	N10-N15
251 Renal failure	N17-N19
252 Urolithiasis	N20-N23
253 Other and unspecified disorders of kidney	N25-N27
254 Urinary tract infection, site not specified	N39.0
255 Other diseases of urinary system	N28-N36, N39.1-N39.9
Diseases of male genital organs	N40-N50
256 Hyperplasia of prostate	N40
257 Other diseases of male genital organs	N41-N50
258 Disorders of breast	N60-N64
Disorders of female genital organs	N70-N98
259 Inflammatory diseases of female pelvic organs	N70-N76
260 Noninflammatory disorders of female genital tract	N80-N98
XV Pregnancy, childbirth and the puerperium	**O00-O99**
Pregnancy with abortive outcome	O00-O07
261 Ectopic pregnancy	O00
262 Spontaneous abortion	O03
263 Medical abortion	O04

Figure 2 (CONTINUED)

INTERNATIONAL STATISTICAL CLASSIFICATION OF DISEASES AND HEALTH-RELATED PROBLEMS (ICD-10)
LIST OF 358 SELECTED CAUSES OF DEATH

UNDERLYING CAUSE OF DEATH	ICD–10 CODE(S)
264 Other abortion	O05
265 Other and unspecified pregnancy with abortive outcome	O01-O02, O06-O07
Other direct obstetric deaths	O10-O92
266 Eclampsia and pre-eclampsia	O11, O13-O16
267 Hemorrhage of pregnancy and childbirth and placenta previa	O20, O44-O46, O67, O72
Complications predominantly related to the puerperium	O85-O92
268 Obstetric embolism	O88
269 Other complications predominately related to the puerperium	O85-O87, O89-O92
270 All other direct obstetric causes	O10, O12, O21-O43, O47-O66, O68-O71, O73-O75
271 Obstetric death of unspecified cause	O95
272 Other deaths related to pregnancy, childbirth and the puerperium	O96-O97
273 Indirect obstetric deaths	O98-O99
XVI Certain conditions originating in the perinatal period	**P00-P96**
274 Newborn affected by maternal factors and by complications of pregnancy, labor and delivery	P00-P04
275 Disorders related to short gestation and low birth weight, not elsewhere classified	P07
276 Birth trauma	P10-P15
277 Intrauterine hypoxia and birth asphyxia	P20-P21
278 Respiratory distress of newborn	P22
279 Other respiratory conditions originating in the perinatal period	P23-P28
280 Infections specific to the perinatal period	P35-P39
281 Other and unspecified conditions originating in the perinatal period	P05, P08, P29, P50-P96
XVII Congenital malformations, deformations and chromosomal abnormalities	**Q00-Q99**
282 Anencephaly and similar malformations	Q00
283 Spina bifida	Q05
284 All other congenital malformations of nervous system	Q01-Q04, Q06-Q07
285 Congenital malformations of heart	Q20-Q24
286 Other congenital malformations of circulatory system	Q25-Q28
287 Congenital malformations of respiratory system	Q30-Q34
288 Other congenital malformations and deformations	Q10-Q18, Q35-Q89
289 Down's syndrome	Q90
290 All other chromosomal abnormalities, not elsewhere classified	Q91-Q99
XVIII Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	**R00-R99**
291 Senility	R54
Ill-defined and unknown causes of mortality	R95-R99
292 Sudden infant death syndrome	R95
293 Other ill-defined and unknown causes of mortality	R96-R99
294 All other symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	R00-R53, R55-R94
XX External causes of mortality	**V01-Y89**
Accidents	V01-X59, Y85-Y86
Transport accidents	V01-V99, Y85

Figure 2 (CONTINUED)

INTERNATIONAL STATISTICAL CLASSIFICATION OF DISEASES AND HEALTH-RELATED PROBLEMS (ICD-10)
LIST OF 358 SELECTED CAUSES OF DEATH

UNDERLYING CAUSE OF DEATH	ICD–10 CODE(S)
295 Railway accidents	V05, V15, V80.6, V81.2-V81.9
Motor vehicle accidents	V02-V04, V09.0, V09.2, V12-V14, V19.0-V19.2, V19.4-V19.6, V20-V79, V80.3-V80.5, V81.0-V81.1, V82.0-V82.1,V83-V86, V87.0-V87.8, V88.0-V88.8, V89.0, V89.2
296 Pedestrian involved in collision with motor vehicle	V02-V04
297 Pedalcyclist involved in collision with motor vehicle	V12-V14, V19.0-V19.2, V19.4-V19.6
298 Motorcyclist involved in any accident except collision with railway train	V20-V24, V26-V34,V36-V39
Motor vehicle accident involving collision with railway train	V25, V35, V45, V55, V65, V75, V81.0-V81.1, V87.6, V88.6
299 Motorcyclist involved in collision with railway train	V25, V35
300 Other motor vehicle accident involving collision with railway train	V45, V55, V65, V75, V81.0-V81.1, V87.6, V88.6
301 Occupant of motor vehicle involved in collision with other (non-motorized) road vehicle, streetcar, animal or pedestrian	V40-V41, V46-V47, V50-V51, V56-V57, V60-V61, V66-67, V70-V71, V76-V77
302 Occupant of car, pickup truck or van involved in collision with other motor vehicle	V42-V44, V49, V52-V54, V59
303 Occupant of heavy transport vehicle or bus involved in collision with other motor vehicle	V62-V64, V69, V72-V74, V79
304 Occupant of motor vehicle involved in noncollision accident	V48, V58, V68, V78
305 Occupant of special-use motor vehicle involved in any accident	V83-V86
306 Other and unspecified motor vehicle accidents	V09.0, V09.2, V80.3-V80.5, V82.0-V82.1, V87.0-V87.5, V87.7-V87.8, V88.0-V88.5, V88.7-V88.8, V89.0, V89.2
307 Streetcar accidents	V82.2-V82.9
308 Other and unspecified land transport accidents	V01, V06, V09.1, V09.3, V09.9, V10-V11, V16-V18, V19.3, V19.8-V19.9, V80.0-V80.2, V80.7-V80.9, V87.9, V88.9, V89.1, V89.3, V89.9
309 Water transport accidents	V90-V94
310 Air and space transport accidents	V95-V97
311 Other and unspecified transport accidents and their sequelae	V98-V99,Y85
Falls	W00-W19
312 Fall on same level	W00-W09,W18
313 Fall from one level to another	W10-W17
314 Unspecified fall	W19
315 Accidental discharge of firearms	W32-W34
316 Accidental explosion	W39-W40
317 Accidental drowning and submersion	W65-W74
318 Accidental inhalation and ingestion of food or other objects causing obstruction of respiratory tract	W78-W80
319 Other accidental and unspecified threats to breathing	W75-W77, W81-W84
320 Accidental exposure to electric current	W85-W87
321 Accidental exposure to radiation	W88-W91

FIGURE 2 (CONTINUED)

INTERNATIONAL STATISTICAL CLASSIFICATION OF DISEASES AND HEALTH-RELATED PROBLEMS (ICD-10)
LIST OF 358 SELECTED CAUSES OF DEATH

UNDERLYING CAUSE OF DEATH	ICD–10 CODE(S)
322 Accidental exposure to smoke, fire and flames	X00-X09
323 Accidental contact with heat and hot substances	X10-X19
324 Lightning	X33
325 Earthquake, volcanic eruption, avalanche, landslide and other earth movements	X34-X36
326 Cataclysmic storm and flood	X37-X38
Accidental poisoning and exposure to noxious substances	X40-X49
327 Accidental poisoning by and exposure to drugs and other biological substances	X40-X44
328 Accidental poisoning by and exposure to other and unspecified solid or liquid substances	X45-X46, X48-X49
329 Accidental poisoning by and exposure to other gases and vapors	X47
330 All other and unspecified accidents and their sequelae	W20-W31, W35-W38, W41-W64, W92-W99, X20-X32, X39, X50-X59, Y86
Intentional self-harm (suicide)	X60-X84, Y87.0
331 Intentional self-poisoning (suicide) by and exposure to drugs and other biological substances	X60-X64
332 Intentional self-poisoning (suicide) by and exposure to other and unspecified solid or liquid substances and their vapors	X65-X66, X68-X69
333 Intentional self-poisoning (suicide) by and exposure to other gases and vapors	X67
334 Intentional self-harm (suicide) by hanging, strangulation and suffocation	X70
335 Intentional self-harm (suicide) by discharge of firearms	X72-X74
336 Intentional self-harm (suicide) by jumping from a high place	X80
337 Intentional self-harm (suicide) by all other and unspecified means and their sequelae	X71, X75-X79, X81-X84, Y87.0
Assault (homicide)	X85-Y09, Y87.1
338 Assault (homicide) by drugs, biological substances and other and unspecified noxious substances	X85-X90
339 Assault (homicide) by hanging, strangulation and suffocation	X91
340 Assault (homicide) by discharge of firearms	X93-X95
341 Assault (homicide) by sharp object	X99
342 Assault (homicide) by blunt object	Y00
343 Assault (homicide) by bodily force	Y04
344 Sexual assault (homicide) by bodily force	Y05
345 Neglect, abandonment and other maltreatment syndromes	Y06-Y07
346 Assault (homicide) by all other and unspecified means and their sequelae	X92, X96-X98, Y01-Y03, Y08-Y09, Y87.1
347 Poisoning by and exposure to drugs and biological substances, undetermined intent	Y10-Y14
348 Poisoning by and exposure to other and unspecified solid or liquid substance, undetermined intent	Y15-Y16, Y18-Y19
349 Poisoning by and exposure to other gases and vapors, undetermined intent	Y17

Figure 2 (CONCLUDED)

INTERNATIONAL STATISTICAL CLASSIFICATION OF DISEASES AND HEALTH-RELATED PROBLEMS (ICD-10)
LIST OF 358 SELECTED CAUSES OF DEATH

UNDERLYING CAUSE OF DEATH	ICD–10 CODE(S)
350 Discharge of firearms, undetermined intent	Y22-Y24
351 Falling, jumping or pushed from a high place, undetermined intent	Y30
352 All other and unspecified events of undetermined intent and their sequelae	Y20-Y21, Y25-Y29, Y31-Y34, Y87.2, Y89.9
Legal intervention	Y35, Y89.0
353 Legal execution	Y35.5
354 Other legal intervention and their sequelae	Y35.0-Y35.4, Y35.6-Y35.7, Y89.0
355 Operations of war and their sequelae	Y36, Y89.1
Complications of medical and surgical care	Y40-Y84, Y88
356 Drugs, medicaments and biological substances causing adverse effects in therapeutic use, and their sequelae	Y40-Y59, Y88.0
357 Misadventures to patients during medical and surgical care and their sequelae	Y60-Y69, Y88.1
358 Other complications of medical and surgical care and their sequelae	Y70-Y84, Y88.2-Y88.3

Figure 3

INTERNATIONAL STATISTICAL CLASSIFICATION OF DISEASES AND HEALTH-RELATED PROBLEMS (ICD-10)
LIST OF 113 SELECTED CAUSES OF DEATH

UNDERLYING CAUSE OF DEATH	ICD–10 CODE(S)
All causes	
1# Salmonella infections	A01-A02
2# Shigellosis and amebiasis	A03, A06
3 Certain other intestinal infections	A04, A07-A09
# Tuberculosis	A16-A19
4 Respiratory tuberculosis	A16
5 Other tuberculosis	A17-A19
6# Whooping cough	A37
7# Scarlet fever and erysipelas	A38, A46
8# Meningococcal infection	A39
9# Septicemia	A40-A41
10# Syphilis	A50-A53
11# Acute poliomyelitis	A80
12# Arthropod-borne viral encephalitis	A83-A84, A85.2
13# Measles	B05
14# Viral hepatitis	B15-B19
15# Human immunodeficiency virus (HIV) disease	B20-B24
16# Malaria	B50-B54
17 Other and unspecified infectious and parasitic diseases and their sequelae	A00, A05, A20-A36, A42-A44, A48-A49, A54-A79, A81-A82, A85.0-A85.1, A85.8, A86-B04, B06-B09, B25-B49, B55-B99
# Malignant neoplasms	C00-C97
18 Malignant neoplasms of lip, oral cavity and pharynx	C00-C14
19 Malignant neoplasm of esophagus	C15
20 Malignant neoplasm of stomach	C16
21 Malignant neoplasms of colon, rectum and anus	C18-C21
22 Malignant neoplasms of liver and intrahepatic bile ducts	C22
23 Malignant neoplasm of pancreas	C25
24 Malignant neoplasm of larynx	C32
25 Malignant neoplasms of trachea, bronchus and lung	C33-C34
26 Malignant melanoma of skin	C43
27 Malignant neoplasm of breast	C50
28 Malignant neoplasm of cervix uteri	C53
29 Malignant neoplasms of corpus uteri and uterus, part unspecified	C54-C55
30 Malignant neoplasm of ovary	C56
31 Malignant neoplasm of prostate	C61
32 Malignant neoplasms of kidney and renal pelvis	C64-C65
33 Malignant neoplasm of bladder	C67
34 Malignant neoplasms of meninges, brain and other parts of central nervous system	C70-C72
Malignant neoplasms of lymphoid, hematopoietic and related tissue	C81-C96
35 Hodgkin's disease	C81
36 Non-Hodgkin's lymphoma	C82- C85

Figure 3 (CONTINUED)

INTERNATIONAL STATISTICAL CLASSIFICATION OF DISEASES AND HEALTH-RELATED PROBLEMS (ICD-10)
LIST OF 113 SELECTED CAUSES OF DEATH

UNDERLYING CAUSE OF DEATH	ICD–10 CODE(S)
37 Leukemia	C91-C95
38 Multiple myeloma and immuno-proliferative neoplasms	C88, C90
39 Other and unspecified malignant neoplasms of lymphoid, hematopoietic and related tissue	C96
40 All other and unspecified malignant neoplasms	C17, C23-C24, C26-C31, C37-C41, C44-C49, C51-C52, C57-C60, C62-C63, C66, C68-C69, C73-C80, C97
41# In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior	D00-D48
42# Anemias	D50-D64
43# Diabetes mellitus	E10-E14
# Nutritional deficiencies	E40-E64
44 Malnutrition	E40-E46
45 Other nutritional deficiencies	E50-E64
46# Meningitis	G00,G03
47# Parkinson's disease	G20-G21
48# Alzheimer's disease	G30
Major cardiovascular diseases	I00-I78
# Diseases of heart	I00-I09, I11, I13, I20-I51
49 Acute rheumatic fever and chronic rheumatic heart diseases	I00-I09
50 Hypertensive heart disease	I11
51 Hypertensive heart and renal disease	I13
Ischemic heart diseases	I20-I25
52 Acute myocardial infarction	I21-I22
53 Other acute ischemic heart diseases	I24
Other forms of chronic ischemic heart disease	I20, I25
54 Atherosclerotic cardiovascular disease, so described	I25.0
55 All other forms of chronic ischemic heart disease	I20, I25.1-I25.9
Other heart diseases	I26-I51
56 Acute and subacute endocarditis	I33
57 Diseases of pericardium and acute myocarditis	I30-I31, I40
58 Heart failure	I50
59 All other forms of heart disease	I26-I28, I34-I38, I42-I49, I51
60# Essential (primary) hypertension and hypertensive renal disease	I10, I12
61# Cerebrovascular diseases	I60-I69
62# Atherosclerosis	I70
Other diseases of circulatory system	I71-I78
63# Aortic aneurysm and dissection	I71
64 Other diseases of arteries, arterioles and capillaries	I72-I78
65 Other disorders of circulatory system	I80-I99
# Influenza and pneumonia	J10-J18
66 Influenza	J10-J11
67 Pneumonia	J12-J18
Other acute lower respiratory infections	J20-J22
68# Acute bronchitis and bronchiolitis	J20-J21
69 Unspecified acute lower respiratory infection	J22

Figure 3 (CONTINED)

INTERNATIONAL STATISTICAL CLASSIFICATION OF DISEASES AND HEALTH-RELATED PROBLEMS (ICD-10)
LIST OF 113 SELECTED CAUSES OF DEATH

UNDERLYING CAUSE OF DEATH		ICD–10 CODE(S)
#	Chronic lower respiratory diseases	J40-J47
70	Bronchitis, chronic and unspecified	J40-J42
71	Emphysema	J43
72	Asthma	J45-J46
73	Other chronic lower respiratory diseases	J44, J47
74#	Pneumoconioses and chemical effects	J60-J66, J68
75#	Pneumonitis due to solids and liquids	J69
76	Other diseases of respiratory system	J00-J06, J30-J39, J67, J70-J98
77#	Peptic ulcer	K25-K28
78#	Diseases of appendix	K35-K38
79#	Hernia	K40-K46
#	Chronic liver disease and cirrhosis	K70, K73-K74
80	Alcoholic liver disease	K70
81	Other chronic liver disease and cirrhosis	K73-K74
82#	Cholelithiasis and other disorders of gallbladder	K80-K82
#	Nephritis, nephrotic syndrome and nephrosis	N00-N07, N17-N19, N25-N27
83	Acute and rapidly progressive nephritic and nephrotic syndrome	N00-N01,N04
84	Chronic glomerulonephritis, nephritis and nephritis not specified as acute or chronic, and renal sclerosis unspecified	N02-N03, N05-N07, N26
85	Renal failure	N17-N19
86	Other disorders of kidney	N25, N27
87#	Infections of kidney	N10-N12, N13 6, N15,1
88#	Hyperplasia of prostate	N40
89#	Inflammatory diseases of female pelvic organs	N70-N76
#	Pregnancy, childbirth and the puerperium	O00-O99
90	Pregnancy with abortive outcome	O00-O07
91	Other complications of pregnancy, childbirth and the puerperium	O10-O99
92#	Certain conditions originating in the perinatal period	P00-P96
93#	Congenital malformations, deformations and chromosomal abnormalities	Q00-Q99
94	Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	R00-R99
95	All other diseases (Residual)	D65-E07, E15-E34, E65-F99, G04-G12, G23-G25, G31-H93, K00-K22, K29-K31, K50-K66, K71-K72, K75-K76, K83-M99, N13.9, N14, N15.0, N15.8-N15.9, N20-N23, N28-N39, N41-N64, N80-N98
#	Accidents	V01-X59, Y85-Y86
	Transport accidents	V01-V99, Y85
96	Motor vehicle accidents	V02-V04, V09.0, V09.2, V12-V14, V19.0-V19.2, V19.4-V19.6, V20-V79, V80.3-V80.5, V81.0-V81.1, V82.0-V82.1, V83-V86, V87.0-V87.8, V88.0-V88.8, V89.0, V89.2

Figure 3 (CONCLUDED)

INTERNATIONAL STATISTICAL CLASSIFICATION OF DISEASES AND HEALTH-RELATED PROBLEMS (ICD-10)
LIST OF 113 SELECTED CAUSES OF DEATH

UNDERLYING CAUSE OF DEATH	ICD–10 CODE(S)
97 Other land transport accidents	V01, V05-V06, V09.1, V09.3-V09.9, V10-V11, V15-V18, V19.3, V19.8-V19.9, 80.0-V80.2, V80.6-V80.9, V81.2-V81.9, V82.2-V82.9, V87.9, V88.9, V89.1, V89.3, V89.9
98 Water, air and space, and other and unspecified transport accidents and their sequelae	V90-V99,Y85
Nontransport accidents	W00-X59, Y86
99 Falls	W00-W19
100 Accidental discharge of firearms	W32-W34
101 Accidental drowning and submersion	W65-W74
102 Accidental exposure to smoke, fire and flames	X00-X09
103 Accidental poisoning and exposure to noxious substances	X40-X49
104 Other and unspecified nontransport accidents and their sequelae	W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86
# Intentional self-harm (suicide)	X60-X84, Y87.0
105 Intentional self-harm (suicide) by discharge of firearms	X72-X74
106 Intentional self-harm (suicide) by other and unspecified means and their sequelae	X60-X71, X75-X84, Y87.0
# Assault (homicide)	X85-Y09, Y87.1
107 Assault (homicide) by discharge of firearms	X93-X95
108 Assault (homicide) by other and unspecified means and their sequelae	X85-X92, X96-Y09, Y87.1
109# Legal intervention	Y35, Y89.0
Events of undetermined intent	Y10-Y34, Y87.2, Y89.9
110 Discharge of firearms, undetermined intent	Y22-Y24
111 Other and unspecified events of undetermined intent and their sequelae	Y10-Y21, Y25-Y34, Y87.2, Y89.9
112# Operations of war and their sequelae	Y36, Y89.1
113# Complications of medical and surgical care	Y40-Y84, Y88

Figure 4

INTERNATIONAL STATISTICAL CLASSIFICATION OF DISEASES AND HEALTH-RELATED PROBLEMS (ICD-10)
LIST OF 130 SELECTED CAUSES OF INFANT DEATH

UNDERLYING CAUSE OF DEATH	ICD–10 CODE(S)
All causes	
Certain infectious and parasitic diseases	A00-B99
1 Certain intestinal infectious diseases	A00-A08
2# Diarrhea and gastroenteritis of presumed Infectious origin	A09
3# Tuberculosis	A16-A19
4# Tetanus	A33,A35
5# Diphtheria	A36
6# Whooping cough	A37
7# Meningococcal infection	A39
8# Septicemia	A40-A41
9# Congenital syphilis	A50
10# Gonococcal infection	A54
Viral diseases	A80-B34
11# Acute poliomyelitis	A80
12# Varicella (chickenpox)	B01
13# Measles	B05
14# Human immunodeficiency virus (HIV) disease	B20-B24
15# Mumps	B26
16 Oher and unspecified viral diseases	A81-B00, B02-B04, B06-B19, B25, B27-B34
17# Candidiasis	B37
18# Malaria	B50-B54
19# Pneumocystosis	B59
20 Other and unspecified infectious and parasitic diseases and their sequelae	A20-A32, A38, A42-A49, A51-A53, A55-A79, B35-B36, B38-B49, B55-B58, B60-B99
Neoplasms	C00-D48
# Malignant neoplasms	C00-C97
21 Hodgkin's disease and non- Hodgkin's lymphomas	C81-C85
22 Leukemia	C91-C95
23 Other and unspecified malignant neoplasms	C00-C80,C88,C90,C96-C97
24# In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior	D00-D48
# Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism	D50-D89
25 Anemias	D50-D64
26 Hemorrhagic conditions and other diseases of blood and blood-forming organs	D65-D76
27 Certain disorders involving the immune mechanism	D80-D89
Endocrine, nutritional and metabolic diseases	E00-E88
28# Short stature, not elsewhere classified	E34.3
29# Nutritional deficiencies	E40-E64
30# Cystic fibrosis	E84

Figure 4 (CONTINUED)

INTERNATIONAL STATISTICAL CLASSIFICATION OF DISEASES AND HEALTH-RELATED PROBLEMS (ICD-10)
LIST OF 130 SELECTED CAUSES OF INFANT DEATH

UNDERLYING CAUSE OF DEATH	ICD–10 CODE(S)
31# Volume depletion, disorders of fluid, electrolyte and acid-base balance	E86-E87
32 All other endocrine, nutritional and metabolic diseases	E00-E32, E34.0-E34.2, E34.4-E34.9, E65-E83, E85, E88
Diseases of the nervous system	G00-G98
33# Meningitis	G00, G03
34# Infantile spinal muscular atrophy, type I (Werdnig-Hoffman)	G12.0
35# Infantile cerebral palsy	G80
36# Anoxic brain damage, not elsewhere classified	G93.1
37 Other diseases of nervous system	G04, G06-G11, G12.1-G12.9, G20-G72, G81-G92, G93.0, G93.2-G93.9, G95-G98
38# Diseases of the ear and mastoid process	H60-H93
# Diseases of the circulatory system	I00-I99
39 Pulmonary heart disease and diseases of pulmonary circulation	I26-I28
40 Pericarditis, endocarditis and myocarditis	I30, I33, I40
41 Cardiomyopathy	I42
42 Cardiac arrest	I46
43 Cerebrovascular diseases	I60-I69
44 All other diseases of circulatory system	I00-I25, I31, I34-I38, I44-I45, I47-I51, I70-I99
Diseases of the respiratory system	J00-J98
45# Acute upper respiratory infections	J00-J06
# Influenza and pneumonia	J10-J18
46 Influenza	J10-J11
47 Pneumonia	J12-J18
48# Acute bronchitis and acute bronchiolitis	J20-J21
49# Bronchitis, chronic and unspecified	J40-J42
50# Asthma	J45-J46
51# Pneumonitis due to solids and liquids	J69
52 Other and unspecified diseases of respiratory system	J22, J30-J39, J43-J44, J47-J68, J70-J98
Diseases of the digestive system	K00-K92
53# Gastritis, duodenitis, and noninfective enteritis and colitis	K29, K50-K55
54# Hernia of abdominal cavity and intestinal obstruction without hernia	K40-K46, K56
55 All other and unspecified diseases of digestive system	K00-K28, K30-K38, K57-K92
Diseases of the genitourinary system	N00-N98
56# Renal failure and other disorders of kidney	N17-N19, N25, N27
57 Other and unspecified diseases of genitourinary system	N00-N15, N20-N23, N26, N28-N98
Certain conditions originating in the perinatal period	P00-P96
Newborn affected by maternal factors and by complications of pregnancy, labor and delivery	P00-P04
58# Newborn affected by maternal hypertensive disorders	P00.0
59# Newborn affected by other maternal conditions which may be unrelated to present pregnancy	P00.1-P00.9

Figure 4 (CONTINED)

INTERNATIONAL STATISTICAL CLASSIFICATION OF DISEASES AND HEALTH-RELATED PROBLEMS (ICD-10)
LIST OF 130 SELECTED CAUSES OF INFANT DEATH

UNDERLYING CAUSE OF DEATH	ICD–10 CODE(S)
# Newborn affected by maternal complications of pregnancy	P01
60 Newborn affected by incompetent cervix	P01.0
61 Newborn affected by premature rupture of membranes	P01.1
62 Newborn affected by multiple pregnancy	P01.5
63 Newborn affected by other maternal complications of pregnancy	P01.2-P01.4, P01.6-P01.9
# Newborn affected by complications of placenta, cord and membranes	P02
64 Newborn affected by complications involving placenta	P02.0-P02.3
65 Newborn affected by complications involving cord	P02.4-P02.6
66 Newborn affected by chorioamnionitis	P02.7
67 Newborn affected by other and unspecified abnormalities of membranes	P02.8-P02.9
68# Newborn affected by other complications of labor and delivery	P03
69# Newborn affected by noxious influences transmitted via placenta or breast milk	P04
Disorders related to length of gestation and fetal malnutrition	P05-P08
70# Slow fetal growth and fetal malnutrition	P05
# Disorders related to short gestation and low birthweight, not elsewhere classified	P07
71 Extremely low birth weight or extreme immaturity	P07.0, P07.2
72 Other low birth weight or preterm	P07.1, P07.3
73# Disorders related to long gestation and high birth weight	P08
74# Birth trauma	P10-P15
# Intrauterine hypoxia and birth asphyxia	P20-P21
75 Intrauterine hypoxia	P20
76 Birth asphyxia	P21
77# Respiratory distress of newborn	P22
Other respiratory conditions originating in the perinatal period	P23-P28
78# Congenital pneumonia	P23
79# Neonatal aspiration syndromes	P24
80# Interstitial emphysema and related conditions originating in the perinatal period	P25
81# Pulmonary hemorrhage originating in the perinatal period	P26
82# Chronic respiratory disease originating in the perinatal period	P27
83# Atelectasis	P28.0-P28.1
84 All other respiratory conditions originating in the perinatal period	P28.2-P28.9
Infections specific to the perinatal period	P35-P39
85# Bacterial sepsis of newborn	P36
86# Omphalitis of newborn with or without mild hemorrhage	P38
87 All other infections specific to the perinatal period	P35, P37, P39
Hemorrhagic and hematological disorders of newborn	P50-P61
88# Neonatal hemorrhage	P50-P52, P54
89# Hemorrhagic disease of newborn	P53

Figure 4 (CONTINUED)

INTERNATIONAL STATISTICAL CLASSIFICATION OF DISEASES AND HEALTH-RELATED PROBLEMS (ICD-10)
LIST OF 130 SELECTED CAUSES OF INFANT DEATH

UNDERLYING CAUSE OF DEATH	ICD–10 CODE(S)
90# Hemolytic disease of newborn due to isoimmunization and other perinatal jaundice	P55-P59
91# Hematological disorders	P60-P61
92# Syndrome of infant of a diabetic mother and neonatal diabetes mellitus	P70.0-P70.2
93# Necrotizing enterocolitis of newborn	P77
94# Hydrops fetalis not due to hemolytic disease	P83 2
95 Other perinatal conditions	P29, P70.3-P70.9, P71-P76, P78- P81, P83.0-P83.1, P83.3-P83.9, P90-P96
# Congenital malformations, deformations and chromosomal abnormalities	Q00-Q99
96 Anencephaly and similar malformations	Q00
97 Congenital hydrocephalus	Q03
98 Spina bifida	Q05
99 Other congenital malformations of nervous system	Q01-Q02, Q04, Q06-Q07
100 Congenital malformations of heart	Q20-Q24
101 Other congenital malformations of circulatory system	Q25-Q28
102 Congenital malformations of respiratory system	Q30-Q34
103 Congenital malformations of digestive system	Q35-Q45
104 Congenital malformations of genitourinary system	Q50-Q64
105 Congenital malformations and deformations of musculoskeletal system, limbs and integument	Q65-Q85
106 Down's syndrome	Q90
107 Edward's syndrome	Q91.0-Q91.3
108 Patau's syndrome	Q91.4-Q91.7
109 Other congenital malformations and deformations	Q10-Q18, Q86-Q89
110 Other chromosomal abnormalities, not elsewhere classified	Q92-Q99
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	R00-R99
111# Sudden infant death syndrome	R95
112 Other symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	R00-R53, R55-R94, R96-R99
113 All other diseases (Residual)	F01-F99, H00-H57, L00-M99
External causes of mortality	V01-Y89
# Accidents	V01-X59, Y85-Y86
Transport accidents	V01-V99, Y85
114 Motor vehicle accidents	V02-V04, V09.0, V09.2, V12-V14, V19.0-V19.2, V19.4-V19.6, V20-V79, V80.3-V80.5, V81.0-V81.1, V82.0-V82.1, V83-V86, V87.0-V87.8, V88.0-V88.8, V89.0, V89.2

Figure 4 (CONCLUDED)

INTERNATIONAL STATISTICAL CLASSIFICATION OF DISEASES AND HEALTH-RELATED PROBLEMS (ICD-10)
LIST OF 130 SELECTED CAUSES OF INFANT DEATH

UNDERLYING CAUSE OF DEATH	ICD–10 CODE(S)
115 Other and unspecified transport accidents and their sequelae	V01, V05-V06, V09.1, V09.3-V09.9, V10-V11, V15-V18, V19.3, V19.8-V19.9, V80.0-V80.2, V80.6-V80.9, V81.2-V81.9, V82.2-V82.9, V87.9, V88.9, V89.1, V89.3, V89.9, V90-V99, Y85
116 Falls	W00-W19
117 Accidental discharge of firearms	W32-W34
118 Accidental drowning and submersion	W65-W74
119 Accidental suffocation and strangulation in bed	W75
120 Other accidental suffocation and strangulation	W76-W77, W81-W84
121 Accidental inhalation and ingestion of food or other objects causing obstruction of respiratory tract	W78-W80
122 Accidents caused by exposure to smoke, fire and flames	X00-X09
123 Accidental poisoning and exposure to noxious substances	X40-X49
124 Other and unspecified accidents and their sequelae	W20-W31, W35-W64, W85-W99, X10-X39, X50-X59, Y86
# Assault (homicide)	X85-Y09, Y87.1
125 Assault (homicide) by hanging, strangulation and suffocation	X91
126 Assault (homicide) by discharge of firearms	X93-X95
127 Neglect, abandonment and other maltreatment syndromes	Y06-Y07
128 Assault (homicide) by other and unspecified means and their sequelae	X85-X90, X92, X96-X99, Y00-Y05, Y08-Y09, Y87.1
129# Complications of medical and surgical care	Y40-Y84, Y88
130 Other external causes and their sequelae	X60-X84, Y10-Y36,Y87 0,Y87 2,Y89
122 Accidents caused by exposure to smoke, fire and flames	X00-X09
123 Accidental poisoning and exposure to noxious substances	X40-X49
124 Other and unspecified accidents and their sequelae	W20-W31, W35-W64, W85-W99, X10-X39, X50-X59, Y86
# Assault (homicide)	X85-Y09, Y87.1
125 Assault (homicide) by hanging, strangulation and suffocation	X91
126 Assault (homicide) by discharge of firearms	X93-X95
127 Neglect, abandonment and other maltreatment syndromes	Y06-Y07
128 Assault (homicide) by other and unspecified means and their sequelae	X85-X90, X92, X96-X99, Y00-Y05, Y08-Y09, Y87.1
129# Complications of medical and surgical care	Y40-Y84, Y88
130 Other external causes and their sequelae	X60-X84, Y10-Y36,Y87 0,Y87 2,Y89

USE OF RATES AND RATIOS

It is sometimes quite useful to adjust a rate or ratio for factors in the population that may affect the measurement. For instance, mortality rates, expressed as numbers of deaths per 1,000 or 100,000 resident population, can be adjusted to account for the effects of demographic factors that might affect mortality, such as race or age composition of the population. Where such adjustments have been made in this report, that fact is indicated in the title or footnote of the table or graph.

However, most reference tables in this report present rates and ratios that have not been adjusted to account for such factors. In such "crude" rates, the denominator is the estimated state or county population, divided by 1,000 or 100,000, and the numerator is the number of events, not weighted by any factor to adjust for the composition of the population. Examples of crude rates are given in the DEFINITIONS section below.

DEFINITIONS

This section provides definitions of selected demographic, statistical, and medical terms as they are used in this publication. The terms are listed in alphabetical order. Cause of death, race, marital status, and population estimates, discussed elsewhere in the TECHNICAL OVERVIEW SECTION, are not included here.

ABORTION - the spontaneous or induced termination of a pregnancy, without live birth.

ABORTION RATIO - the number of induced abortions reported to the OVS, compared to the number of live births. It is calculated as follows:

$$Abortion\ ratio = \frac{Number\ of\ induced\ abortions}{Number\ of\ live\ births} \times 1{,}000$$

AGE - the calculated or reported age of the person(s) involved in a vital or reportable event. For fetal deaths, parents' reported ages were used. For births, induced abortions, marriages, divorces, and reportable cancers, age was calculated based on reported date of birth and date of the event. For deaths, age was calculated as the number of days between birth and death dates. Age in days was divided by 365.25 and truncated to yield age in years if the decedent was one year old or older. Where the record of the month and day of birth were incomplete or invalid, the month was assumed to be June and the day was assumed to be the 15th for the calculation of age in years.

AGE-ADJUSTED DEATH RATE - an index number that represents the crude death rate that would occur if the observed age-specific death rates were present in a population with an age distribution identical to that of a standard population. It is derived from several age-specific death rates and used to compare relative mortality risks from one group to another (including comparisons of the resident populations of a single geographic region at different times). Statistically, it is a weighted average of the age-specific rates, with the weights representing the proportionate distribution of age in a hypothetical population. It is possible to adjust death rates for other demographic variables that might influence mortality, such as race, sex, or ancestry. (See AGE-SPECIFIC DEATH RATE below and AGE-ADJUSTED DEATH RATES in the MORTALITY section of the report for more discussion.) It is

calculated in this report by the direct method, using the 2000 U.S. population as the standard population, as follows:

$$Age\text{-}adjusted\ death\ rate = \sum_{i=1}^{11} S_i w_i$$

where S_i = *the age-specific death rate for the* i^{th} *age group*

where w_i = *the weight of the* i^{th} *age group in the standard population*

AGE-SPECIFIC DEATH RATE – the proportion of deaths in a specific age group, expressed as a number per thousand persons in that age group. The "standard 11" age groups are typically used: 0 years of age, 1 – 4 years of age, 5 – 14, 15 – 24, … , 75 – 84, and 85 years of age or older. It is calculated as follows:

$$Age\ specific\ death\ rate = \frac{Number\ of\ deaths\ within\ the\ age\ group}{Midyear\ population\ of\ the\ age\ group} \times 1{,}000$$

APGAR SCORE - an evaluation of a newborn infant's physical status that assigns numerical values (0-2) to each of five criteria 1) heart rate, 2) respiratory effort, 3) muscle tone, 4) response stimulation, and 5) skin color; a score of eight to ten indicates the best possible condition.

AT-RISK POPULATION - all of the persons to whom a given event could occur. The at-risk or "subject" population is the denominator in a rate calculation. (See the use of "at risk" in the definition of FERTILITY RATE).

BIRTH RATE - the proportion of live births in the total population, expressed as a number per thousand persons in that population. Unless otherwise stated, the birth rate is the annual, crude rate, unadjusted for factors affecting the population. It is calculated as follows:

$$Crude\ birth\ rate = \frac{Number\ of\ live\ births}{Midyear\ population} \times 1{,}000$$

COUNTY - as used in table titles, either an incorporated county or that part of Yellowstone National Park which is located in Montana. For example, a tabulation of deaths "by county of occurrence" would show deaths in the Montana portion of Yellowstone National Park as "county" occurrences.

DEATH RATE - the proportion of deaths in the total population, expressed as a number per thousand population. Unless otherwise stated, the death rate is the annual crude rate, unadjusted for factors affecting the population. It is calculated as follows:

$$Crude\ death\ rate = \frac{Number\ of\ deaths}{Midyear\ population} \times 1{,}000$$

EXTREMELY LOW BIRTHWEIGHT - the birthweight of an infant of less than 1,000 grams (about 2 pounds 3.25 ounces).

FERTILITY RATE - the total number of live births as a proportion of the estimated female population at risk, expressed as a number per thousand women in that population. The population at risk of experiencing a birth is all fertile women. The approximation used is all women in the main childbearing ages (15 to 44 years). It is calculated as follows:

$$Fertility\ rate = \frac{Number\ of\ live\ births}{Midyear\ population\ of\ women\ aged\ 15-44} \times 1{,}000$$

FETAL DEATH - the reported birth of a fetus that shows no evidence of life after complete birth-that is, no action of the heart, breathing, or movement of voluntary muscles. Montana law requires report of fetal death if the fetus weighed 350 grams or more or, if the weight is unknown, the delivery took place after 20 weeks of gestation. There is no provision in Montana law for reporting the birth of a non-viable fetus with a lower weight.

FETAL MORTALITY RATIO - the number of fetal deaths as compared to the number of live births, expressed as a number per thousand live births. It is calculated as follows:

$$Fetal\ mortality\ ratio = \frac{Number\ of\ fetal\ deaths}{Number\ of\ live\ births} \times 1{,}000$$

FREQUENCY - the number of occurrences of an event or observation; how often an event occurs.

ICD - the International Classification of Diseases code used to classify and report causes of death in vital statistics. This code is revised periodically. The current revision is called the International Statistical Classification of Diseases, Injuries, and Related Health Problems, Tenth Revision, and is published by the World Health Organization. In this report, the code is referred to as ICD-10. (See the "Cause of Death Certification" and "Cause of Death and Conversion to ICD-10" sections of this report for further details).

INCIDENCE RATE - the number of new occurrences of an event within a population during a stated time period for a given number of persons in that population. The time period is assumed to be annual unless otherwise stated. The incidence rate for reportable diseases is expressed as the number of new cases per 100,000 population.

INDUCED ABORTION - a legal, medical or surgical procedure that is intended to terminate a pregnancy without live birth.

INFANT - an individual less than 365 days (one year) old.

INFANT MORTALITY RATE - the number of infant deaths compared to the number of live births in that same period, expressed as a number per thousand live births. It is calculated as follows:

$$Infant\ \ mortality\ \ rate = \frac{Number\ \ of\ \ infant\ \ deaths}{Number\ \ of\ \ live\ \ births} \ x\ 1{,}000$$

INVALID MARRIAGE - a marriage deemed never to have been legal; a declaration of invalid marriage was formerly called an annulment.

LIVE BIRTH - the birth of a child who shows evidence of life after complete birth. Evidence of life includes heart action, breathing, or movement of voluntary muscles.

LOW BIRTH WEIGHT - the birth weight for a live-born infant of less than 2,500 grams (about five pounds, eight ounces).

MARITAL DISSOLUTION - legal termination of a valid marriage; a marital dissolution was formerly called a divorce.

MATERNAL DEATH - a woman's death attributable to childbirth or complications of pregnancy, delivery, and the puerperium.

MATERNAL MORTALITY RATE - the total number of maternal deaths as a proportion of total live births, expressed as a number per hundred thousand live births. It is calculated as follows:

$$Maternal\ mortality\ rate = \frac{Number\ of\ maternal\ deaths}{Number\ of\ live\ births} \ x\ 100{,}000$$

MEAN - the arithmetic average, obtained by dividing the sum of individual values or scores by the number of values or scores observed. For example, the mean age for six persons aged 9, 10, 12, 13, 13, and 16 is 73 divided by 6, or 12.2 years.

MEDIAN - the midpoint; for our purposes, given a set with an odd number of values, the median is the middle value when arranged in numerical order. For a set with an even number of values, the median is the mean of the two "middle" values. For the example under the definition of MEAN, the median age is 12.5 years.

MODE - the most frequently observed value in a set of values. For the example under the definition of MEAN, the modal age is 13.

NATURAL INCREASE - the excess of births over deaths among residents of an area.

NEONATAL DEATH - a death occurring within the first 27 days of life.

NEOPLASM - a new, abnormal, malignant, or benign growth of tissue that is uncontrolled and progressive. Malignant neoplasms are commonly called cancers.

OUT-OF-WEDLOCK BIRTH RATIO - the number of births to unmarried women as compared to the number of live births, expressed as a number per thousand live births. It is calculated as follows:

$$Out-of-wedlock\ birth\ ratio = \frac{Number\ of\ live\ out-of-wedlock\ births}{Number\ of\ livebirths} \times 1{,}000$$

PARITY - the condition of a woman with respect to her having borne viable offspring. The parity of this birth is the number of live children the woman has borne, including those born in the current delivery.

PERCENTILE - (as in xxth percentile) a statistic used to further describe the dispersion of a set of values. One-quarter of the values in a set are less than or equal to the value of the 25th percentile; one-half are less than or equal to the 50th percentile (or median); etc. The 25th and 75th percentiles are found by counting out to the first quarter and three quarter of the values, respectively. When this count lands between two values in the list, averages can be taken, although any number between the two would suffice. For the example under the definition of MEAN, the 25th percentile is 11 and the 75th percentile is 13.

PERINATAL DEATH - a death occurring near the time of birth. The number of perinatal deaths is the sum of registered fetal deaths and neonatal deaths.

PERINATAL MORTALITY RATE - the number of fetal deaths plus neonatal deaths as compared to the number of deliveries (fetal deaths plus live births), expressed as a number per thousand persons in that population. It is calculated as follows:

$$Perinatal\ mortality\ rate = \frac{Number\ of\ fetal\ deaths + neonatal\ deaths}{Number\ of\ fetal\ deaths + live\ births} \times 1{,}000$$

PLACE OF OCCURRENCE - the location where an event took place, regardless of the usual residence of the person(s) involved.

PLACE OF RESIDENCE - the usual residence of the person(s) involved in a vital event, regardless of the event's place of occurrence. For births and fetal deaths, the mother's usual place of residence. For induced abortions, the usual place of residence of the patient. For deaths, the usual place of residence of the decedent.

PLURALITY - the number of infants born during this delivery.

POST-NEONATAL DEATH - during the first year of life, but after the first 27 days.

PUERPERIUM - the condition of the mother immediately following childbirth.

RATE - the frequency of an event in a population subject to that event, expressed as the frequency of occurrence per unit--generally 1,000 or 100,000--of the subject population. For example, the Montana resident birth rate per 1,000 population is the number of births to Montana resident women for every 1,000 men, women, and children in the Montana population.

RATIO - the comparison of two types of events occurring in a subject population, expressed as a frequency of occurrence per unit of one of the events. For instance, the Montana fetal mortality ratio is the number of fetal deaths per 1,000 live births to Montana resident women. The population, fertile women residing in Montana, is the same for both events, but the events are unlikely to have happened to the same women. Also, the total number of fertile women is not part of the calculation; the basis for the unit (the denominator) is live births, one of the events.

STAGE AT DIAGNOSIS -The extent to which a cancer has spread when it is first diagnosed. Summary stages for cancer diagnoses are:

In-Situ - An abnormal cell growth that meets the criteria for malignancy but does not invade the basement membrane of the organ involved.

Local - A cancer that is limited to the site of origin. It has not spread beyond the organ.

Regional - A cancer that extends to adjacent organs and/or regional lymph nodes, and appears to have spread no further.

Distant - A cancer that extends beyond adjacent organs and has spread to a distant site or distant lymph node.

Unknown - A cancer for which there is insufficient information available to determine the stage at diagnosis.

STANDARD DEVIATION - a measure of how "spread out" a set of values is, on average, from its mean. A small standard deviation indicates that, on average, the values are tightly grouped around the mean while a large standard deviation indicates that, on average, the values are scattered widely. For the series of values presented for the definition of MEAN, the standard deviation is 2.27. For a set of N values, it is computed as follows:

$$Standard\ deviation = \sqrt{\frac{1}{N}\sum_{i=1}^{N}(x_i - \mu)^2}$$

where μ = *the mean of the set of N values*

where x_i = *the* i^{th} *value in the set of N values*

SUBJECT POPULATION - see AT-RISK POPULATION.

SURVIVAL RATE - the percentage of people diagnosed with a life-threatening disease and remaining alive as of a stated time period after diagnosis.

THERAPIES - procedures used to treat cancer or other health conditions. The following are therapies for reportable cancers:

Biological Response Modifiers (BRM) Therapy - administration of a chemical that alters the patient's immune system to destroy cancer growth.

Chemotherapy - administration of a drug to destroy cancer cells.

Hormone Therapy- administration of a hormone or steroid drug that destroys cancer by changing the hormone balance of the patient.

Radiation - the transmission of light, short radio waves, ultraviolet light, or x-rays to destroy cancer cells. Radiation may reduce the size, destroy the cancer, or stop growth of the cancer.

Surgery - a partial or total removal of a primary cancer or a metastatic cancer.

VERY LOW BIRTHWEIGHT - the birthweight of an infant of less than 1,500 grams (about 3 pounds 5 ounces).

YEARS OF POTENTIAL LIFE LOST (YPLL) - A measure of the cost of premature deaths that emphasizes deaths of the young by measuring the number of years lost to death before a given age, 75 years in this report. Statistically, YPLL is the difference between a given age and the decedent's age at death, summed for all decedents younger than the given age.

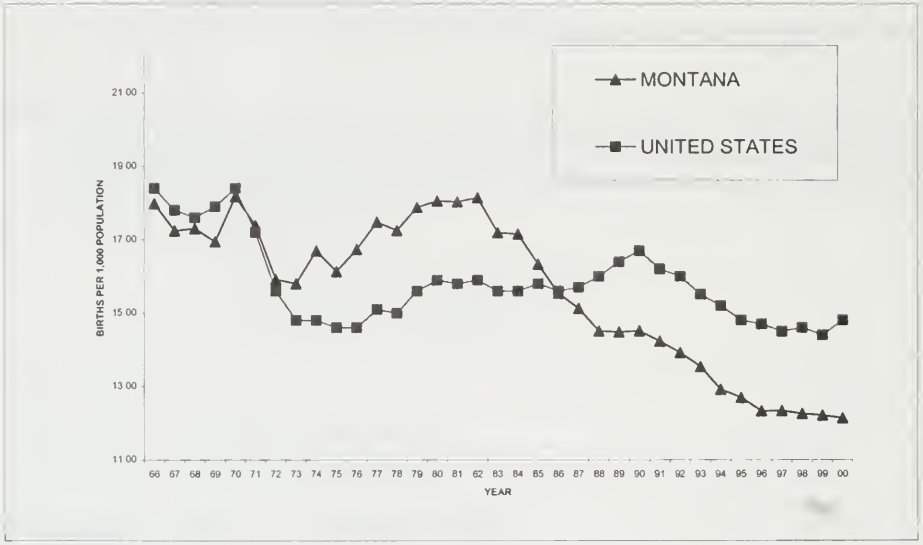
NATALITY

There were 10,946 babies born to Montana residents in 2000. **Table 1** shows the frequency and rate of births occurring in Montana (regardless of place of residence) at five-year intervals from 1910 to 1945 and those to all Montana residents (regardless of place of occurrence) each year since 1946.

The long-term decline in Montana's birth rate since 1982 continues. **Figure 5** compares the resident birth rates for Montana and the U.S. for the last 35 years.

Figure 5

RESIDENT BIRTH RATES
MONTANA AND THE UNITED STATES, 1966-2000



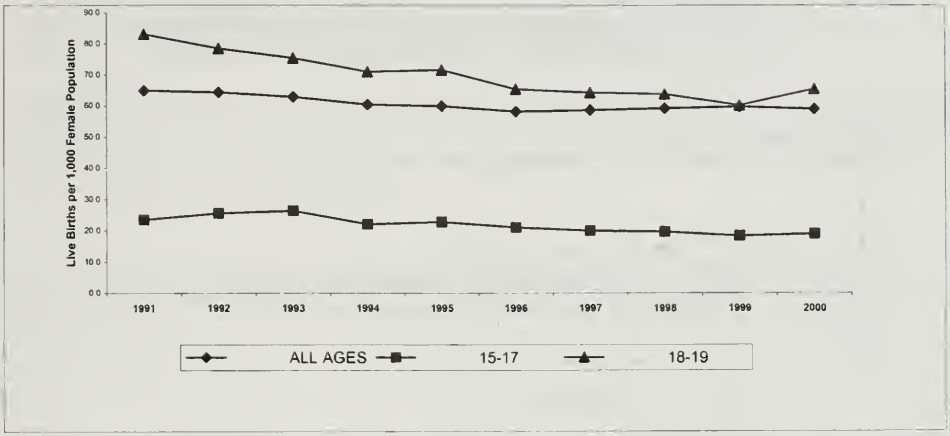
While the Montana rate exceeded the U.S. rate from 1971 to 1985, it began to decline in the early 1980's, fell below the U.S. rate in the mid-80's, and has been the lower of the two since. Preliminary national estimates for 2000 showed Montana's birth rate to be among the lowest in the nation and, except for North Dakota's rate, the lowest for any state west of the Mississippi river. The Montana birth rate for 2000, 12.1 per thousand population, is the lowest ever recorded for the state.

FERTILITY

The fertility rate, calculated as the number of births per 1,000 females of childbearing age (assumed to be ages 15-44, inclusive), is more useful than the birth rate for many analytic purposes because it is specific with regards to sex and age of the "at-risk" population. Montana's fertility rate for the last decade, also among the lowest in the nation, is shown in **Figure 6** for mothers of all ages, mothers between the ages of 15 and 17, and those between the ages of 18 and 19. This graph shows fertility rates for Montana mothers of all races.

Figure 6

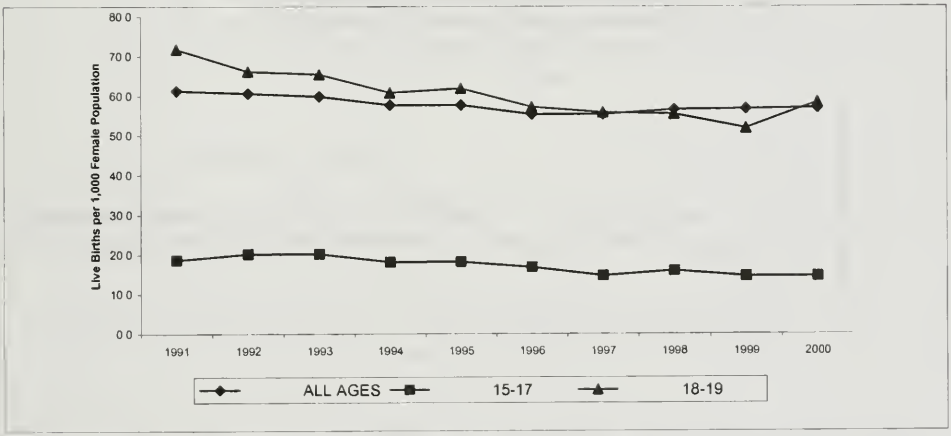
FERTILITY RATES FOR MOTHERS OF ALL RACES
MONTANA TEENS AND MOTHERS OF ALL AGES, 1991-2000



The rate of fertility among various racial groups can be quite different, as is illustrated in **Figures 7 and 8** on this and the next page. In 2000, the fertility rate for Montana's white mothers of any age was 56.95. The rate for white mothers between 15 and 17 was 14.52, and the rate for white mothers between the ages of 18 and 19 was 58.43. Fertility rates for Native Americans were two or more times as high in all age groups—101.66, 70.35, and 168.14, respectively.

Figure 7

FERTILITY RATES FOR WHITE MOTHERS
MONTANA TEENS AND MOTHERS OF ALL AGES, 1991-2000*

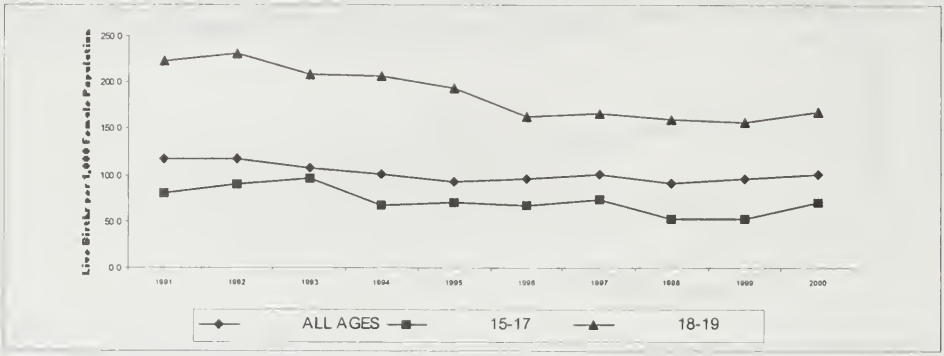


* Beginning in the year 2000, the Census records the number of persons of multiple races. Therefore, the enumeration of whites may be an undercount and the white fertility rate a slight overestimate.

It is also notable that the rate of change in fertility rates can be quite different for different races. During the past decade, fertility rates for white mothers in the three age groups mentioned declined by 0.07 percent, 0.22 percent, and 0.19 percent. Those for Native American mothers declined at 0.13 percent, 0.12 percent, and 0.24 percent, respectively.

Figure 8

FERTILITY RATES FOR NATIVE AMERICAN MOTHERS
MONTANA TEENS AND MOTHERS OF ALL AGES, 1991-2000*

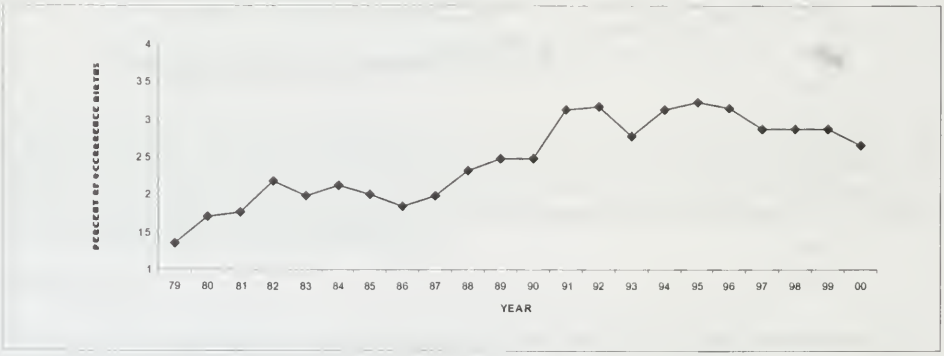


* Beginning in the year 2000, the Census records the number of persons of multiple races. Therefore, the enumeration of Native Americans may be an undercount and the Native American fertility rate a slight overestimate.

Table 6 shows the frequency and percent distribution of live births by type of facility and attendant and by county of occurrence. **Figure 9**, below, shows an increasing proportion of Montana births occurring in places other than hospitals since 1979. Less than three percent (2.66%) of all babies born in Montana in 2000 were delivered outside of a hospital, and the trend is slightly down from its peak in 1995. However, this proportion is nearly double that in 1979.

Figure 9

PERCENT OF BIRTHS OUTSIDE HOSPITALS
MONTANA OCCURRENCES, 1979-2000



While the vast majority of births occurred in hospitals in all of the years shown in **Figure 9**, non-hospital births have become increasingly frequent in Montana.

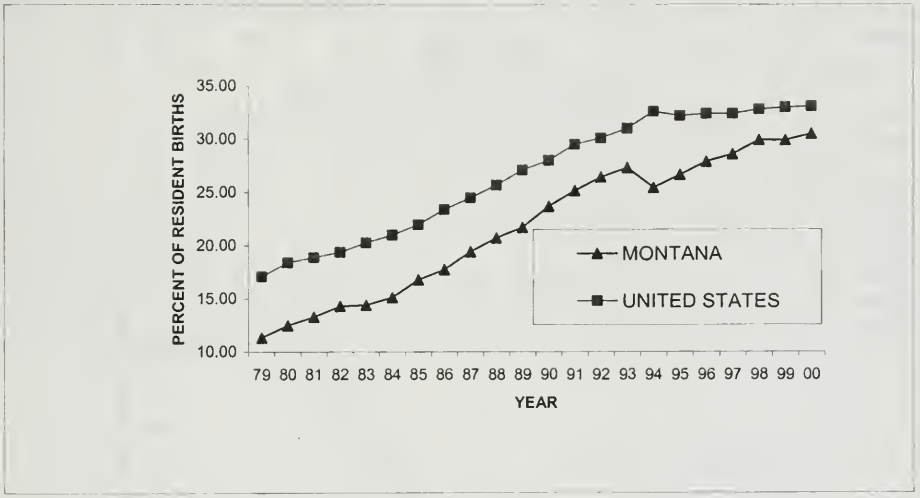
MOTHER'S AGE, RACE, AND MARITAL STATUS

Those giving birth in 2000 were predominantly married white women between the ages of 20 and 35 years. **Table 27** shows the frequency and percent distribution of births to Montana residents by the mother's age and county of residence. **Table 4** shows the frequency of births by race and county of residence of the mother. Any of the races shown may include women of Hispanic origin.

Table 5 shows the frequency and percent distribution of resident births to unmarried women for the years 1996 through 2000. **Figure 10**, below, shows the trend in those births for Montana and the United States since 1979. Births to unmarried women represented 12.5% of Montana's resident births in 1980, 23.7% in 1990, 29.9% in 1999 and 30.8% in 2000.

Figure 10

PERCENT OF BIRTHS TO UNMARRIED MOTHERS
MONTANA AND U.S. RESIDENTS, 1979 – 2000



By comparison, unmarried women in the U.S. accounted for 18.4% of the resident births in 1980, 28.0% in 1990, 33.0 in 1999 and 33.1 in 2000 (preliminary).

METHOD OF DELIVERY

More than four-fifths of the infants delivered in Montana in the years 1991 through 2000 were delivered vaginally (including those delivered vaginally after the mother had a previous C-section). As **Figure 11** shows, the likelihood of a vaginal delivery decreases somewhat with increasing age of the mother. This pattern holds for both whites and Native Americans.

Figure 11

FREQUENCY AND PERCENT DISTRIBUTION OF LIVE BIRTHS BY AGE OF MOTHER AND METHOD OF DELIVERY MONTANA OCCURRENCES, 1991-2000

METHOD OF DELIVERY		ALL AGES	UNDER 15	15-17	18-19	20-24	25-29	30-34	35-39	40-44	45 and over	not stat
ALL METHODS	Number	109,667	137	4,324	8,791	29,788	30,820	23,170	10,558	1,979	95	5
	Percent	100	100	100	100	100	100	100	100	100	100	100
VAGINAL	Number	84,714	118	3,747	7,388	23,942	23,674	16,994	7,453	1,327	68	3
	Percent	77.2	86.1	86.7	84.0	80.4	76.8	73.3	70.6	67.1	71.6	60.0
VAGINAL AFTER C-SECTION	Number	3,599	-	5	91	750	1,122	1,046	498	85	2	-
	Percent	3.3	0.0	0.1	1.0	2.5	3.6	4.5	4.7	4.3	2.1	0.0
PRIMARY C-SECTION	Number	13,075	19	554	1,134	3,470	3,493	2,737	1,339	313	16	-
	Percent	11.9	13.9	12.8	12.9	11.6	11.3	11.8	12.7	15.8	16.8	0.0
REPEAT C-SECTION	Number	8,213	-	16	174	1,618	2,514	2,371	1,261	250	9	-
	Percent	7.5	0.0	0.4	2.0	5.4	8.2	10.2	11.9	12.6	9.5	0.0
NOT STATED	Number	66	-	2	4	8	17	22	7	4	-	2
	Percent	0.1	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.0	40.0

MORTALITY

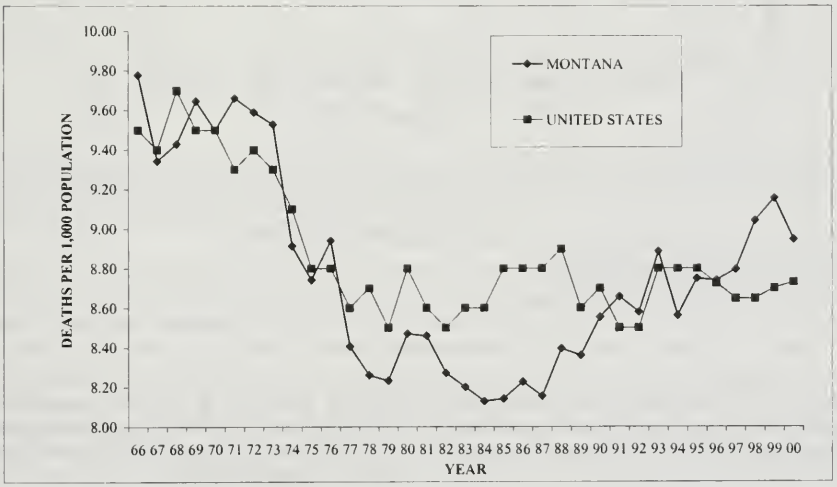
Montana's crude annual mortality rate in 2000 was 8.9 per 1,000 estimated midyear population. There were 8,071 Montana residents that died in that year, with their median age being 78 years. Of these people, 4,185 (51.9%) were males and 3,886 (48.1%) were females. There were 7,668 white decedents (95.0%) and 366 Native Americans (4.5%).

In comparison, Montana's population was almost evenly divided between males (49.7%) and females (50.2%). According to the U.S. Census Bureau, 90.6% of Montana's resident population in 2000 was white and 6.2% was Native American.

Figure 12 shows the crude death rates per 1,000 population for Montana and U.S. residents from 1966 through 2000. Montana's annual rate follows the national trend fairly closely throughout this period. However, there were slight deviations, particularly in the 1980s. Montana's rate displayed no consistent trend from 1966 to 1973, averaging about 9.5 deaths per 1,000 population. It dropped precipitously beginning in the early 1970s, and, for the most part, has been rising since the mid-1980s. The reduction of Montana's rate from 9.2 in 1999 to 9.0 in 2000 reflects a decrease of 0.14% in the number of deaths and an increase of 2.2% in the resident population.

Figure 12

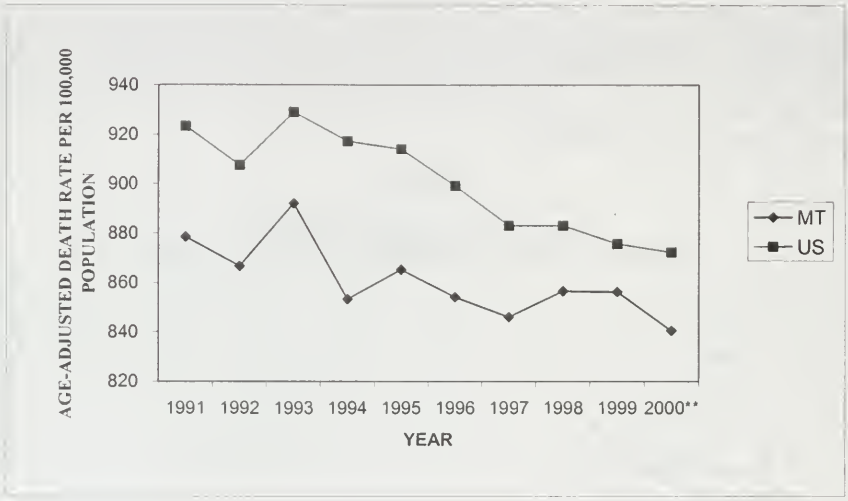
RESIDENT CRUDE DEATH RATES
MONTANA AND THE UNITED STATES, 1966 - 2000



The rate of death is closely related to the age structure of the resident population. It is therefore useful to adjust this rate for differences in the age distributions of populations when comparing death rates between those populations. (See the definition of "age adjusted death rate" in the DEFINITIONS section of this report for a description of the mathematics of age adjustment and the section on AGE-SPECIFIC AND AGE -ADJUSTED DEATH RATES below for discussion of their proper use.) While the crude death rate represents the absolute risk of death in a single population at a particular time, the age-adjusted rate offers a better comparison of the relative risk of death between populations in different geographic areas at a single time or in the same geographic area at different times.

Figure 13

AGE-ADJUSTED DEATH RATES*
MONTANA AND UNITED STATES RESIDENTS, 1991- 2000**



* Adjusted with the direct method to the year projected 2000 U.S. population.
**U.S. data for 2000 are preliminary.

Figure 13 shows the age-adjusted death rates for Montana and U.S. citizens for the last 10 years. It is notable that while Montana's crude death rate (reflecting the absolute risk of death among the resident population) has been increasing, the age-adjusted rate (which adjusts this risk for the age of the population and the age of its decedents) has been declining. It is also notable that the age-adjusted rate for Montana has consistently been lower than the U.S. rate, averaging about 95% of the national rate.

Figure 14 summarizes the distribution of age at death for Montana residents by sex and race for the ten-year period, 1991 to 2000.

Figure 14

AGE AT DEATH IN YEARS BY SEX AND RACE
CENTRAL TENDENCY AND DISPERSION*
MONTANA RESIDENTS, 1991 - 2000

RACE AND SEX	NUMBER OF DEATHS	MINIMUM AGE	25TH PER-CENTILE	MEDIAN AGE	75TH PER-CENTILE	MAXIMUM AGE	MEAN AGE	STANDARD DEVIATION
ALL RACES								
TOTAL	75,988	0	66.0	77.0	85.0	111	72.5	18.7
MALE	39,867	0	62.0	74.0	82.0	109	69.2	19.2
FEMALE	36,121	0	69.0	80.0	87.0	111	76.2	17.5
WHITE								
TOTAL	72,254	0	67.0	77.0	85.0	111	73.4	18.0
MALE	37,725	0	63.0	75.0	83.0	109	70.1	18.5
FEMALE	34,529	0	71.0	80.0	88.0	111	76.9	16.8
NATIVE AMERICAN								
TOTAL	3,444	0	41.5	62.0	75.0	107	56.5	23.9
MALE	1,985	0	36.0	58.0	72.0	107	53.3	23.9
FEMALE	1,459	0	48.0	66.0	78.0	104	60.9	23.1
OTHER								
TOTAL	290	0	45.0	67.0	78.0	101	59.5	26.4
MALE	157	0	43.0	65.0	77.0	93	58.3	25.2
FEMALE	133	0	50.0	67.0	80.0	101	61.0	27.8

*The *mean* is the arithmetic average, the *median* is the midpoint. To illustrate, one quarter of the decedents died at or under the age at the *25th percentile;* half at or under the age at the *median* (or *50th percentile)* etc. The *standard deviation* measures the concentration of the distribution around its mean.

In the last decade, whites typically died at an older age than Native Americans. The age at death for whites was several years greater than that for Native Americans at every quartile (25th percentile, median, and 75th percentile). Particularly striking was the fact that one quarter of the white decedents died at or below the age of 67, while one quarter of the Native American decedents died at or below the age of 41.5 years.

There was greater variability in the age at death for the Native American population than for the white population. The standard deviation, which measures the distribution around the mean, was greater for the Native Americans (23.9) compared to whites (18.0); thus, a larger proportion of Native Americans died at younger- or older-than-average ages than did whites.

In general, female decedents were older than male decedents; the mean and median ages at death were greater for women than for men, regardless of race. For white women, the median age was 80 years, compared to 75 years for white men. The median age for Native American women was 66 years, compared to 58 years for Native American men.

FETAL, INFANT, AND MATERNAL DEATHS

Table 1 shows the frequency and crude rate or ratio of all deaths and of fetal, infant, and maternal deaths occurring in Montana (regardless of place of residence) at five-year intervals from 1910 to 1945 and yearly from 1946 through 2000 for deaths of Montana residents (regardless of place of occurrence).

Figure 15

FIVE-YEAR INFANT MORTALITY RATES AND FETAL MORTALITY RATIOS MONTANA RESIDENTS, 1979 - 2000

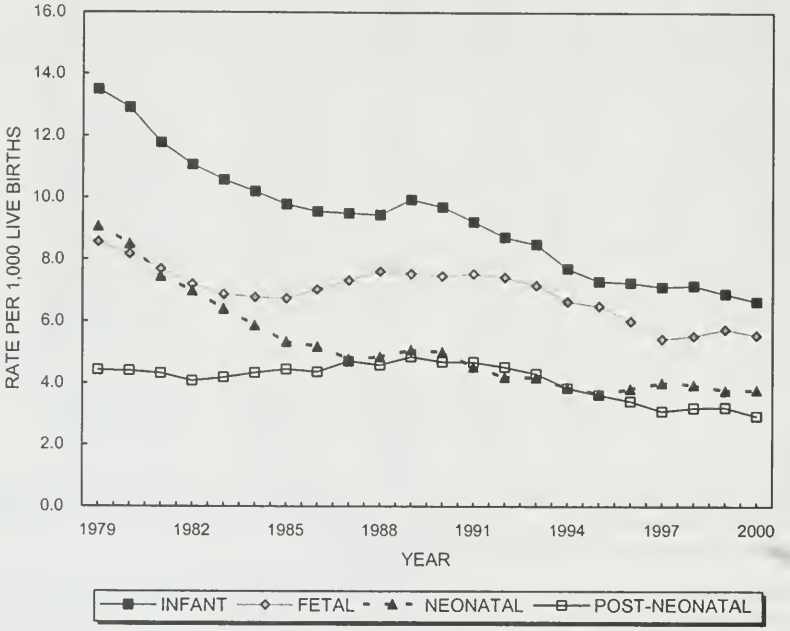


Figure 15 shows the five-year infant and fetal mortality rates for Montana residents from 1979 through 2000. There was a substantial decline in the five-year infant death rate during this 22-year period. This rate, the number of infant deaths per 1,000 live births, was more than halved during this interval. It declined from 13.5 in 1979 to 6.6 in 2000. The five-year death rate for the infants dying in the neonatal period, the first 28 days of life, was also more then halved during this period, declining from 9.1 per 1,000 live births in 1979 to 3.8 in 2000. The rate for post-neonatal infants (infants 28 days and older) declined by one-third,

falling from 4.4 to 2.9 per 1,000 live births. The five-year fetal mortality ratio also declined during this period, falling by more than one-third, from 8.6 deaths per 1,000 live births in 1979 to 5.5 in 2000.

There were 55 resident fetal deaths and 63 resident infant deaths in Montana in 2000. Frequencies of infant and fetal deaths by Montana county of occurrence and residence appear in **Table 3**. **Table 4** shows fetal deaths by the mother's race and county of residence. The number of infant deaths and five-year infant mortality rates by Montana county of residence appear in **Table 13**.

Selected causes of death by age and by sex for Montana resident infants are shown in **Table 9** and in **Table 12**. Sudden infant death syndrome (SIDS) together with congenital malformations, deformations, and chromosomal anomalies caused nearly 40% of all infant deaths in 2000.

AGE-SPECIFIC AND AGE-ADJUSTED DEATH RATES

Most death rates presented in this report are crude rates, unadjusted for demographic factors such as age, sex, or race that will likely affect the risk of mortality. Crude cause-specific rates express the frequency of mortality from a certain underlying cause of death as a proportion of the resident population. They express the risk (average chance) of dying from the specific cause of death cited. They are useful in making comparisons, within a single resident population, of the mortality risks associated with different causes. However, their use for comparisons between populations--the Montana resident population in different years, for instance--is limited. Because the resident populations of Montana in different years had different age compositions, they are considered to be different populations.

In the past, the resident population of Montana (and of the nation) was considerably younger than it is now; younger residents represented a smaller percentage of the population in the 1990's than they did only a few years before. In such cases, age-adjustment is helpful for a more meaningful comparison of mortality rates.

Age-adjusted death rates should be interpreted as index numbers rather than direct measures of mortality risk. They are useful for making comparisons between populations (where demographic variables such as the overall age of the population may differ), but not for making comparisons within any single population. They are designed to "adjust" for differences in the age compositions of resident populations in different years by applying observed (i.e. actual) age-specific mortality rates to a hypothetical population with an unchanging age composition. By standardizing in this way, age-adjusted death rates help address issues such as whether an increasing or decreasing death rate is due merely to an aging population or whether some other factor(s) are involved.

For instance, one can compare the Montana age-adjusted death rate for heart disease in 1991 to that in 2000 in order to identify any trends in mortality. It is inadvisable, however, to compare the age-adjusted rate for heart disease to that for cancer within any given year, or from one year to another. While it is tempting to be concerned with the numerical value of the age-adjusted rate, this is also inadvisable because of the sensitivity of the quantitative value to the choice of a standard population.

Figures 16 through 43 display age-adjusted death rates for several of the leading causes of death in Montana and the United States. These rates are age-adjusted with the direct method to the projected U.S. population for the year 2000. As with any summary statistic, age-adjusted death rates mask much of the underlying complexity in the mortality experience of the population. Hence, Montana's age-specific death rates are also shown for each cause of death displayed.

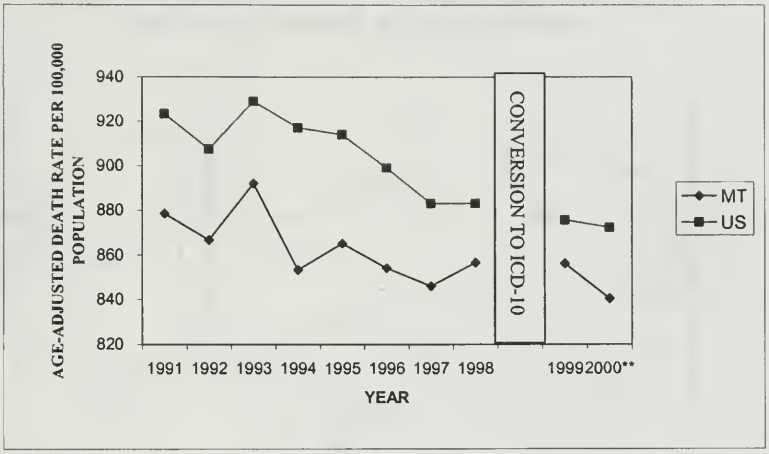
Because of the small number of deaths in certain age categories, many of the age-specific rates (e.g. those for chronic liver disease and cirrhosis, motor vehicle accidents, and suicide) may be statistically unstable or

present somewhat confusing patterns. However, for several causes of death, such rates present a clear pattern and add useful information about the burden of particular causes of death among the age groups. Age-specific rates for all causes of death are represented here so the reader can judge their usefulness for him or herself.

When analyzing trends in cause-specific age-adjusted death rates, one should remember that the change from one revision of ICD to another (from the ICD-9 to ICD-10 in this case) can dramatically affect the apparent rates for some underlying cause of death, since different revisions can result in different underlying causes for a death record. Underlying causes of death were determined using the conventions of ICD-9 in the years 1991-1998 and the conventions of ICD-10 thereafter. This change is marked in the following graphs with a shaded vertical bar.

Figure 16

AGE-ADJUSTED* DEATH RATES FOR ALL CAUSES OF DEATH
MONTANA AND U.S. RESIDENTS, 1991-2000



* Adjusted with the direct method to the projected 2000 U.S. population.
** U.S. data for 2000 are preliminary.

Figure 17

AGE-SPECIFIC DEATH RATES FOR ALL CAUSES OF DEATH
MONTANA RESIDENTS, 1991-2000

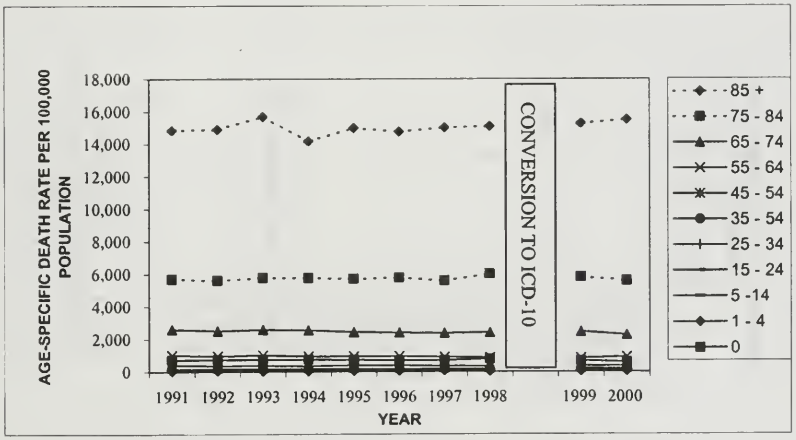
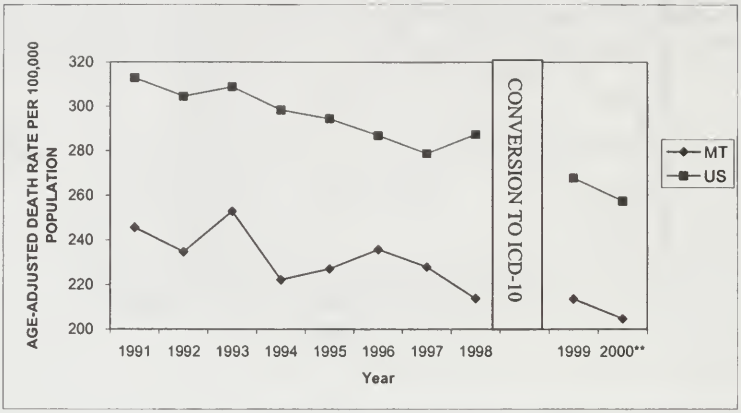


Figure 18

AGE-ADJUSTED* DEATH RATES FOR HEART DISEASE
ICD-9: 390-398, 402, 404, 410-429; ICD-10: I00-I09, I11, I13,I20-I51
MONTANA AND U.S. RESIDENTS, 1991-2000



* Adjusted with the direct method to the projected 2000 U.S. population.
** U.S. data for 2000 are preliminary.

Figure 19

AGE-SPECIFIC DEATH RATES FOR HEART DISEASE
ICD-9: 390-398, 402, 404, 410-429; ICD-10: I00-I09, I11, I13,I20-I51
MONTANA RESIDENTS, 1991-2000

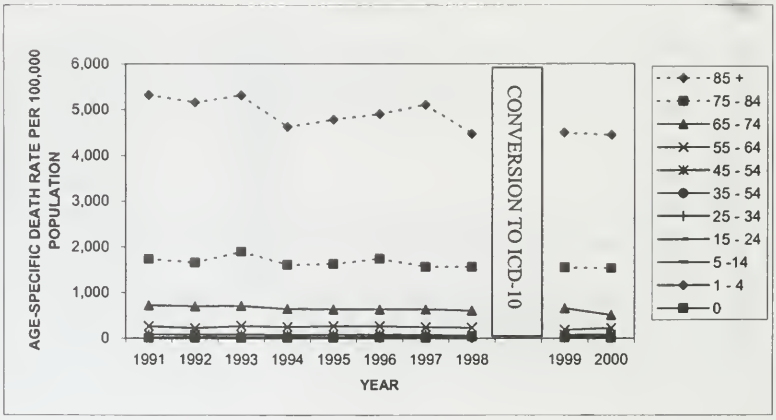
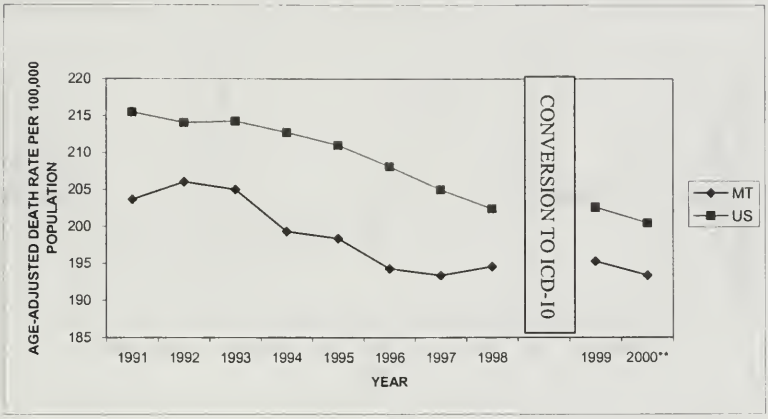


Figure 20

AGE-ADJUSTED* DEATH RATES FOR CANCER
ICD-9: 140-208; ICD-10: C00-C97
MONTANA AND U.S. RESIDENTS, 1991-2000



* Adjusted with the direct method to the projected 2000 U.S. population.
** U.S. data for 2000 are preliminary.

Figure 21

AGE-SPECIFIC DEATH RATES FOR CANCER
ICD-9: 140-208; ICD-10: C00-C97
MONTANA RESIDENTS, 1991-2000

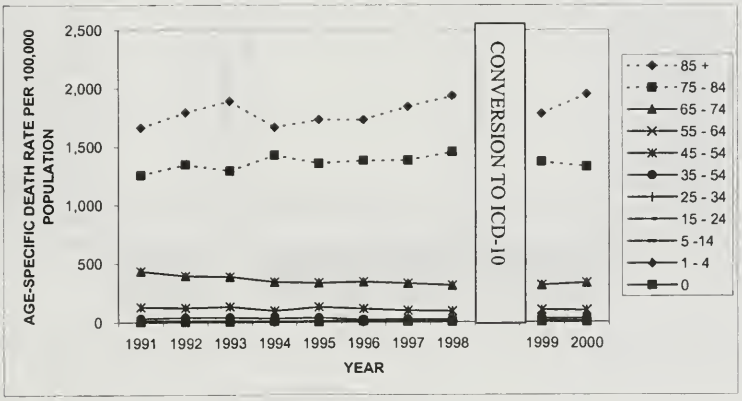
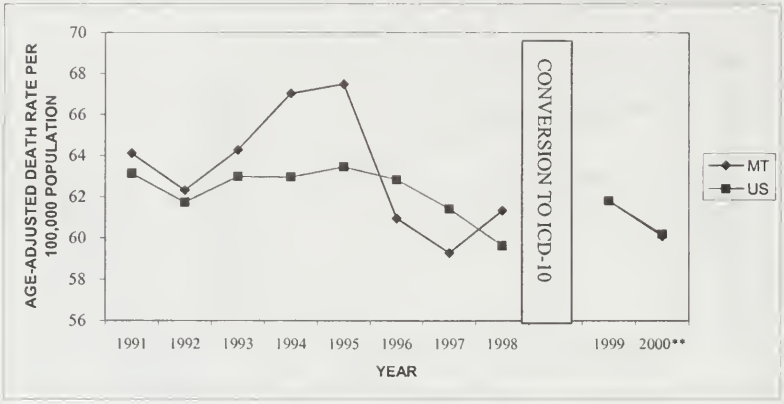


Figure 22

AGE-ADJUSTED* DEATH RATES FOR CEREBROVASCULAR DISEASE
ICD-9: 430-438; ICD-10: I60-I69
MONTANA AND U.S. RESIDENTS, 1991-2000



* Adjusted with the direct method to the projected 2000 U.S. population.
** U.S. data for 2000 are preliminary.

Figure 23

AGE-SPECIFIC DEATH RATES FOR CEREBROVASCULAR DISEASE
ICD-9: 430-438; ICD-10: I60-I69
MONTANA RESIDENTS, 1991-2000

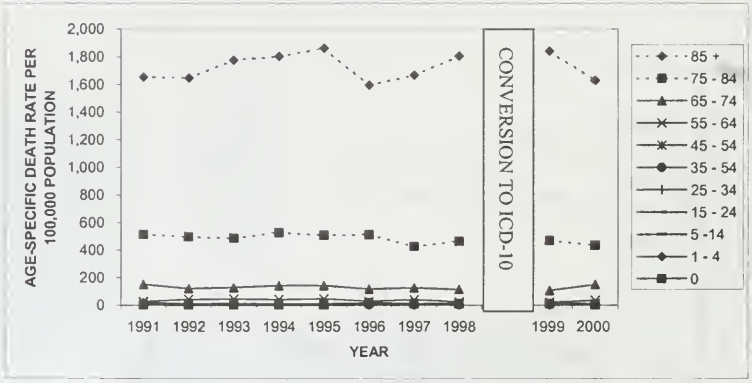
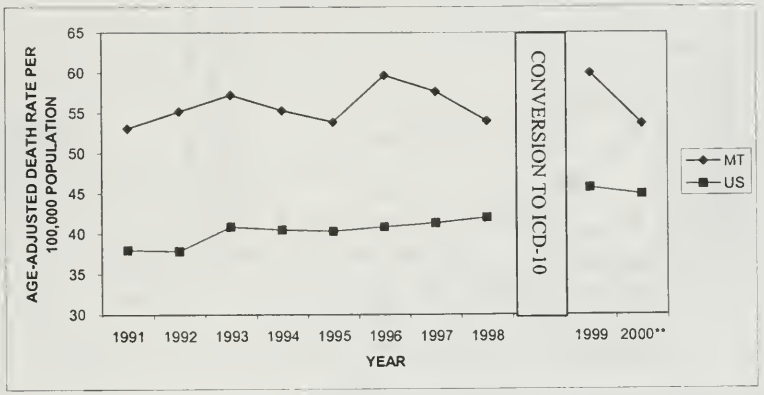


Figure 24

AGE-ADJUSTED* DEATH RATES FOR CHRONIC LOWER RESPIRATORY DISEASES
ICD-9: 490-496; ICD-10: J40-J49, J67
MONTANA AND U.S. RESIDENTS, 1991-2000



* Adjusted with the direct method to the projected 2000 U.S. population.
** U.S. data for 2000 are preliminary.

Figure 25

AGE-SPECIFIC DEATH RATES FOR CHRONIC LOWER RESPIRATORY DISEASES
ICD-9: 490-496; ICD-10: J40-J49, J67
MONTANA RESIDENTS, 1991-2000

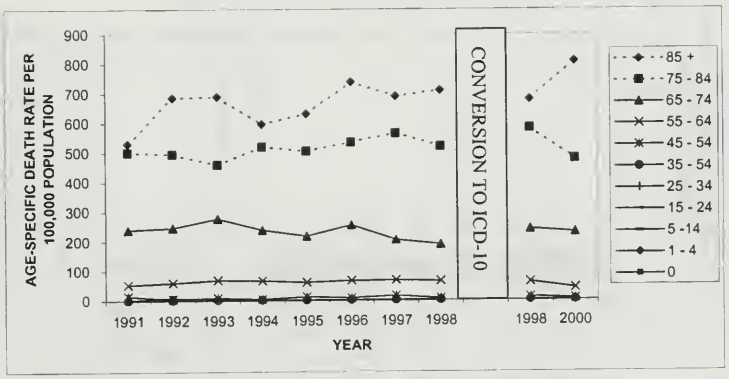
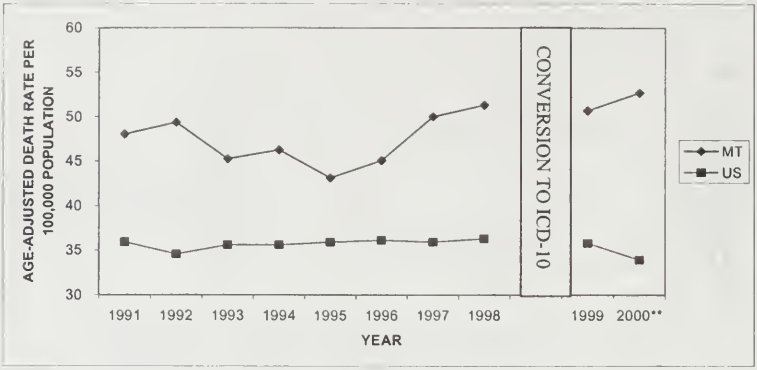


Figure 26

AGE-ADJUSTED* DEATH RATES FOR ACCIDENTS ICD-9: E800-E869, E880-E929; ICD-10: V01-X59, Y85-Y86 MONTANA AND U.S. RESIDENTS, 1991-2000



* Adjusted with the direct method to the projected 2000 U.S. population.
** U.S. data for 2000 are preliminary.

Figure 27

AGE-SPECIFIC DEATH RATES FOR ACCIDENTS ICD-9: E800-E869, E880-E929; ICD-10: V01-X59, Y85-Y86 MONTANA RESIDENTS, 1991-2000

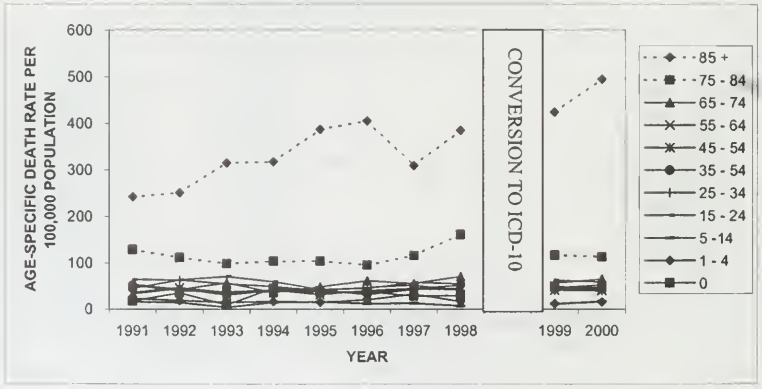
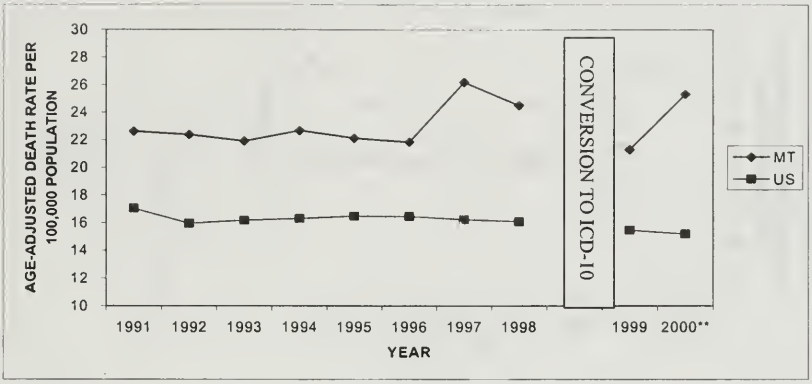


Figure 28

AGE-ADJUSTED* DEATH RATES FOR MOTOR VEHICLE ACCIDENTS
ICD-9: E810-E825; ICD-10: V02-V04, V09.0, V09.2, V12-V14 V19.0-V19.2, V19.4-V19.6, V20-V79, V80.3-V80.5, V81.0-V81.1, V82.0-V82.1, V83-V86, V87.0-V87.8 V88.0-V88.8, V89.0, V89.2
MONTANA RESIDENTS, 1991-2000



* Adjusted with the direct method to the projected 2000 U.S. population.
** U.S. data for 2000 are preliminary.

Figure 29

AGE-SPECIFIC DEATH RATES FOR MOTOR VEHICLE ACCIDENTS
ICD-9: E810-E825; ICD-10: V02-V04, V09.0, V09.2, V12-V14 V19.0-V19.2, V19.4-V19.6, V20-V79, V80.3-V80.5, V81.0-V81.1, V82.0-V82.1, V83-V86, V87.0-V87.8 V88.0-V88.8, V89.0, V89.2
MONTANA RESIDENTS, 1991-2000

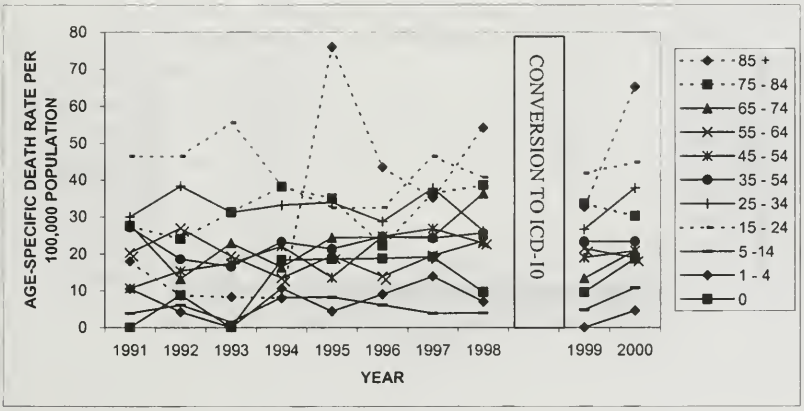
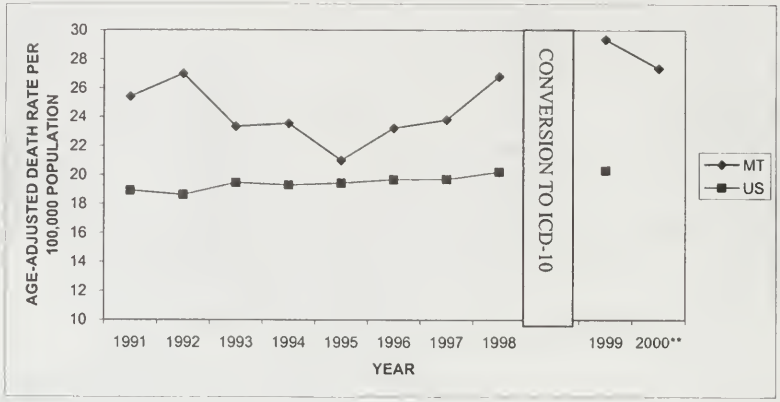


Figure 30

AGE-ADJUSTED* DEATH RATES FOR NON-MOTOR-VEHICLE ACCIDENTS
ICD-9: E800-E807, E826-E949 ; ICD-10: V01, V05-V08, V09.1, V09.3-V11, V15-V18,V19.3, V19.7-V19.9, V80.1-V80.2, V80.6-V80.9, V81.2-V81.9, V82.2-V82.9, V87.9, V88.9 , V89.3-X59, Y85-Y86
MONTANA AND U.S. RESIDENTS, 1991-2000



* Adjuted with the direct method to the projected 2000 U.S. population
** U.S. data for 2000 are unavailable.

Figure 31

AGE-SPECIFIC DEATH RATES FOR NON-MOTOR-VEHICLE ACCIDENTS
ICD-9: E800-E807, E826-E949 ; ICD-10: V01, V05-V08, V09.1, V09.3-V11, V15-V18,V19.3, V19.7-V19.9, V80.1-V80.2, V80.6-V80.9, V81.2-V81.9, V82.2-V82.9, V87.9, V88.9 , V89.3-X59, Y85-Y86
MONTANA RESIDENTS, 1991-2000

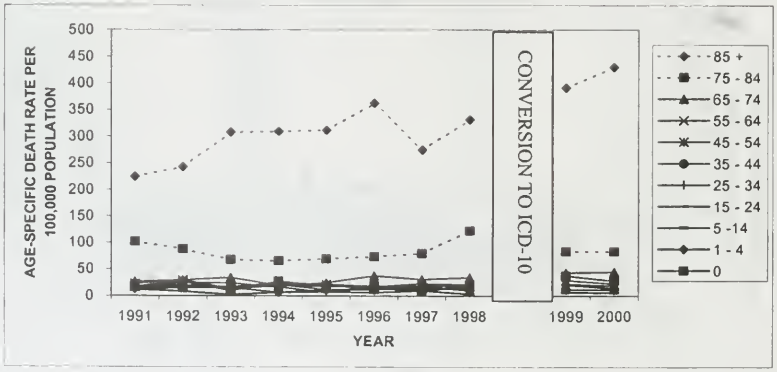
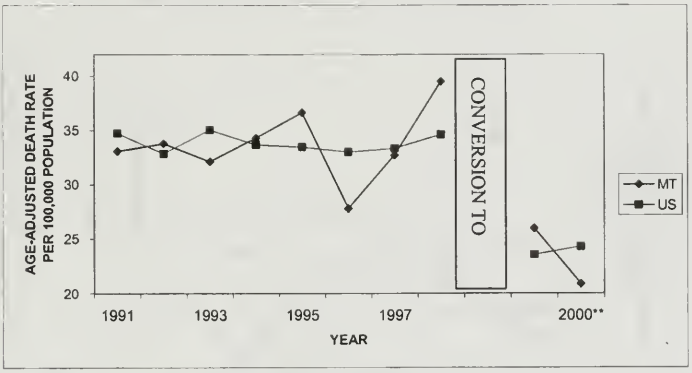


Figure 32

AGE-ADJUSTED*DEATH RATES FOR PNEUMONIA AND INFLUENZA
ICD-9: 480-487; ICD-10: J10-J18
MONTANA AND U.S. RESIDENTS, 1991-2000



* Adjusted with the direct method to the projected 2000 U.S. population.
** U.S. data for 2000 are preliminary.

Figure 33

AGE-SPECIFIC DEATH RATES FOR PNEUMONIA AND INFLUENZA
ICD-9: 480-487; ICD-10: J10-J18
MONTANA RESIDENTS, 1991-2000

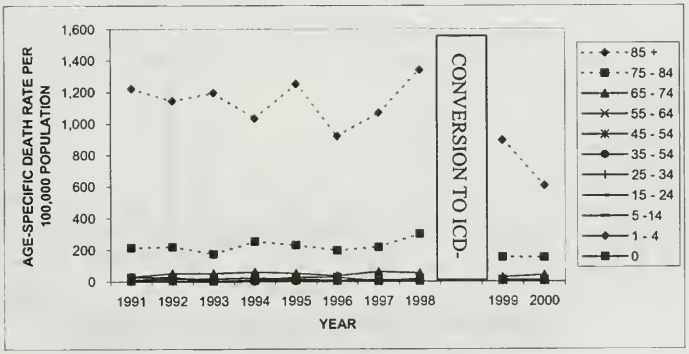
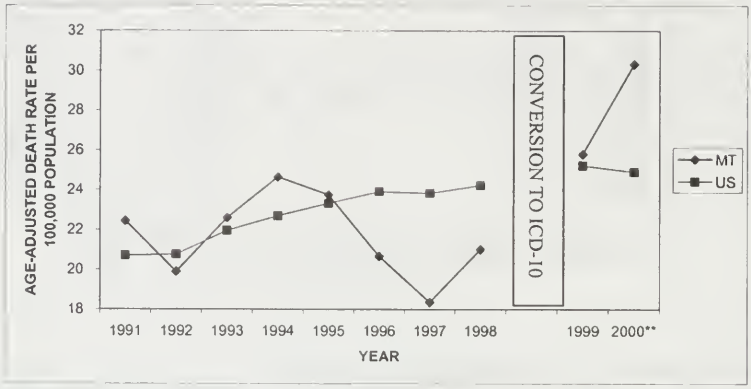


Figure 34

AGE-ADJUSTED* DEATH RATES FOR DIABETES
ICD-9: 250; ICD-10: E10-E14
MONTANA AND U.S. RESIDENTS, 1991-2000



* Adjusted with the direct method to the projected 2000 U.S. population.
** U.S. data for 2000 are preliminary.

Figure 35

AGE-SPECIFIC DEATH RATES FOR DIABETES
ICD-9: 250; ICD-10: E10-E14
MONTANA RESIDENTS, 1991-2000

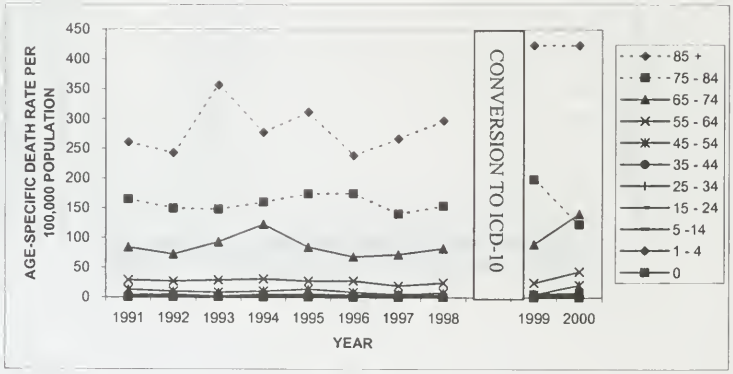
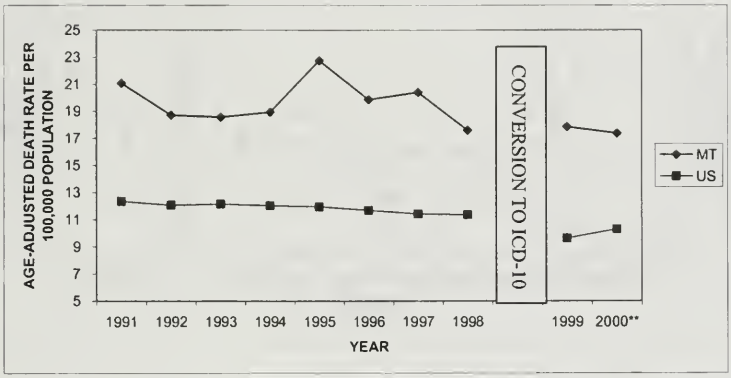


Figure 36

AGE-ADJUSTED* DEATH RATES FOR SUICIDE
ICD-9: E950-E959; ICD-10: X60-X84, Y87.0
MONTANA AND U.S. RESIDENTS, 1991-2000



* Adjusted with the direct method to the projected 2000 U.S. population.
** U.S. data for 2000 are preliminary.

Figure 37

AGE-SPECIFIC DEATH RATES FOR SUICIDE
ICD-9: E950-E959; ICD-10: X60-X84, Y87.0
MONTANA RESIDENTS, 1991-2000

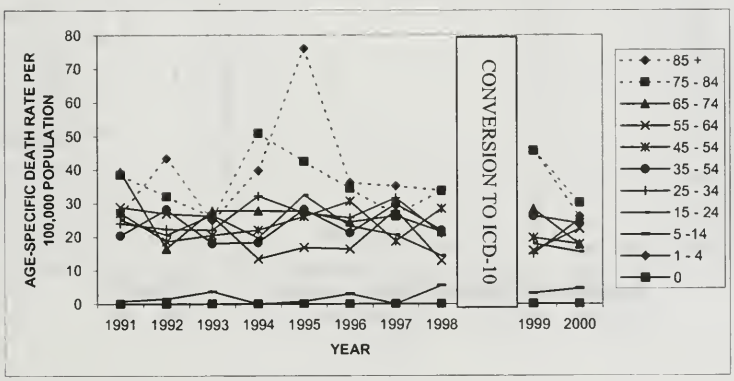
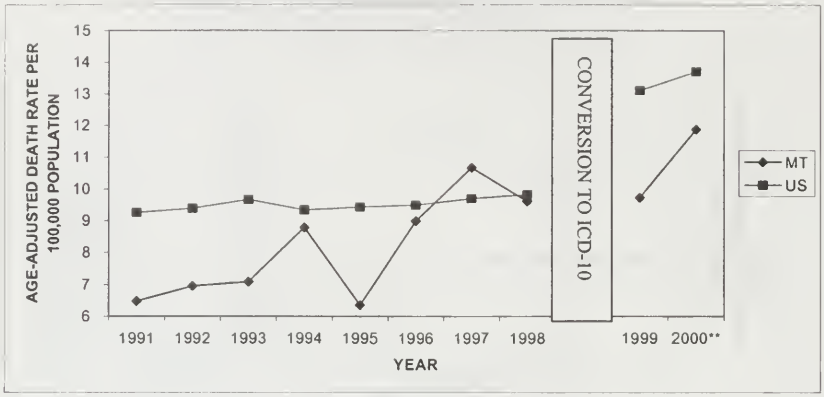


Figure 38

AGE-ADJUSTED* DEATH RATES FOR NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS
ICD-9: 580-589; ICD-10: N00-N07, N17-N19, N25-N27
MONTANA AND U.S. RESIDENTS, 1991-2000



* Adjusted with the direct method to the projected 2000 U.S. population.
** U.S. data for 2000 are preliminary.

Figure 39

AGE-SPECIFIC DEATH RATES FOR NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS
ICD-9: 580-589; ICD-10: N00-N07, N17-N19, N25-N27
MONTANA RESIDENTS, 1991-2000

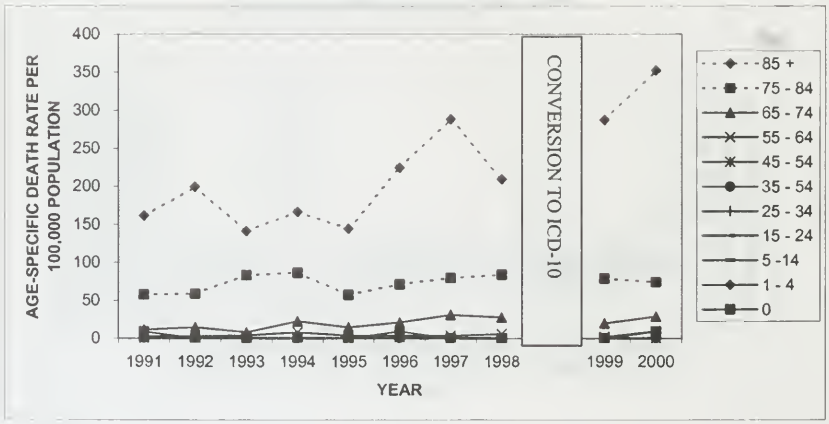
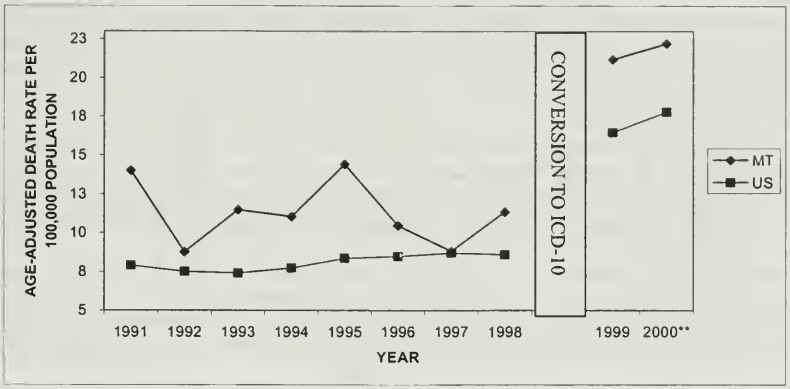


Figure 40

AGE-ADJUSTED* DEATH RATES FOR ALZHEIMER'S DISEASE
ICD-9: 331.0; ICD-10: G30
MONTANA AND U.S. RESIDENTS, 1991-2000



* Adjusted with the direct method to the projected 2000 U.S. population.
** U.S. data for 2000 are preliminary.

Figure 41

AGE-SPECIFIC DEATH RATES FOR ALZHEIMER'S DISEASE
ICD-9: 331.0; ICD-10: G30
MONTANA RESIDENTS, 1991-2000

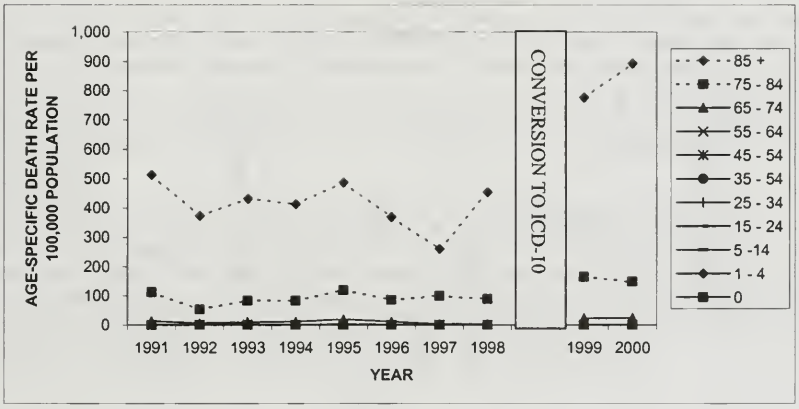
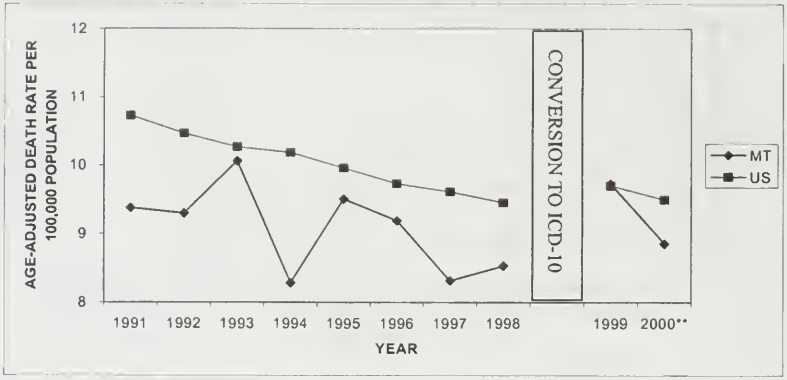


Figure 42

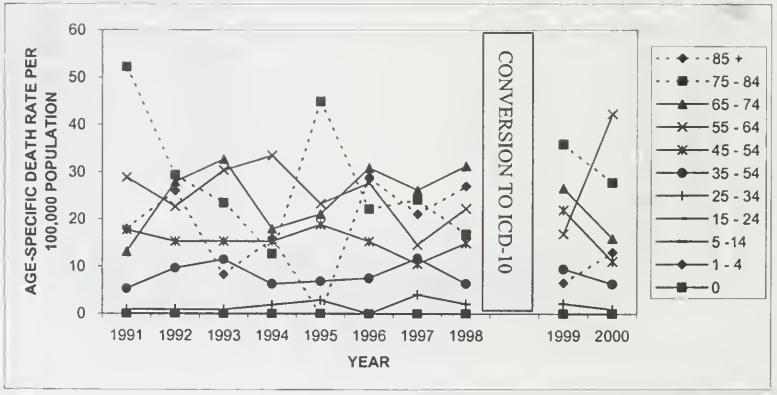
AGE-ADJUSTED* DEATH RATES FOR CHRONIC LIVER DISEASE AND CIRRHOSIS
ICD-9: 571; ICD-10: K70, K73-K74
MONTANA AND U.S. RESIDENTS, 1991-2000



* Adjusted with the direct method to the projected 2000 U.S. population.
** U.S. data for 2000 are preliminary.

Figure 43

AGE-SPECIFIC DEATH RATES FOR CHRONIC LIVER DISEASE AND CIRRHOSIS
ICD-9: 571; ICD-10: K70, K73-K74
MONTANA RESIDENTS, 1991-2000



In all years displayed, Montana's overall (i.e. all cause) age-adjusted rates are below those for the U.S. This is true for many of the chronic diseases displayed; Montana's rates for heart disease, cancer, nephritis, and chronic liver disease and cirrhosis were lower than those for the U.S in nine or ten of the ten years displayed. These underlying causes accounted for slightly more than half (50.1%) of all deaths of Montanans in 2000. Values of the age-adjusted death rates for nephritis were increased by the conversion to ICD-10.

Montana's rates for cerebrovascular disease, pneumonia and influenza, and diabetes showed inconsistent relationships with the U.S. rates, with the trend lines crossing each other more than once in this period. Both Montana and U.S. rates for pneumonia and influenza were substantially decreased by the revision of ICD. Diabetes rates for Montana were higher than those for the U.S. in four of the eight years in which underlying cause of death was determined with the rules of ICD-9. The U.S. diabetes rate seems relatively unaffected by the conversion to ICD-10 while the Montana diabetes rate appears to have increased (but this may be the result of a change in a relatively small number of deaths from diabetes and have nothing to do with the revision of ICD). Montana's rates for cerebrovascular disease were higher than those of the U.S. for seven of the eight years in which ICD-9 coding rules were used. Montana and U.S. rates for this cause were nearly identical to that for the U.S. under ICD-10 coding rules. It is not apparent that ICD revision had any effect on these rates.

The state rates for chronic lower respiratory disease (C.L.R.D.)--which includes chronic and unspecified bronchitis, emphysema, and asthma--were higher than those for the U.S. in all years displayed. Revision of ICD did not change these relationships. Montana's Alzheimer's rate was virtually the same as that of the U.S. in 1997, but higher in all other years. Revision of ICD substantially increased both Montana and U.S. rates.

Montana's rates for the traumatic causes of death displayed, accidents (both motor vehicle and non-motor-vehicle) and suicide, were higher than those for the nation in all years displayed, irrespective of the ICD coding rules. These rates do not appear to have been affected by ICD revision.

It is also instructive to examine the change in Montana's rates over time. These graphs show reductions in Montana's overall death rates and rates for specific chronic diseases such as heart disease, cancer, cerebrovascular disease, and chronic liver disease and cirrhosis for this ten-year period. The rates for diabetes and nephritis are on the increase, although the trends are somewhat inconsistent and possibly affected by the conversion of ICD coding. There seems to be no clear trend for the other causes of death displayed.

AGE, SEX, AND RACE

Cause of death is age, sex, and race-dependent. Heart disease and cancer were, in 2000, and have been for years, the first and second leading causes of death in Montana, claiming the largest numbers of persons of all races and both sexes. Females dying of heart disease tended to be older than males, although this disparity tended to diminish after the age of 49. After 55 years of age, the proportion of women who died from heart disease was essentially the same as that for men. Persons less than 50 years old who died of cancer were most often women; those older than 50 were most often men. The majority of cancer deaths occurred after the age of 55 for both sexes.

The frequency of Montana resident deaths by sex, and age is shown in **Table 9** for 358 selected causes of death. The frequency of death by sex and race is shown in **Table 10** for 113 selected causes of death. These causes are used by NCHS for ranking causes of death. Those causes preceded by a pound sign (#) are used for ranking causes for decedents of all ages. **Figure 44** shows, graphically, the percent distribution for nearly four fifths of these deaths by cause, race and sex categories for males. **Figure 45** shows the distribution among these underlying causes of death for females.

When shown as a proportion of all deaths for calendar year 2000, circulatory system diseases (which include the two leading "rankable" causes of death—heart disease and cerebrovascular disease—as well as atherosclerosis) accounted for the greatest percentage of deaths of all causes shown. Specifically, 35% of both white males and white female decedents, 25% of Native American male decedents, and 24% of Native American female decedents died of diseases of the circulatory system--primarily heart disease, cerebrovascular disease and atherosclerosis. One-quarter of white male decedents and a little over one-fifth of white female decedents died of cancer. Comparable proportions were 15% and 20% for Native American males and females, respectively. However, accidents were the second leading cause of deaths for Native American males, accounting for 19% of their deaths; the proportions of deaths from this cause were smaller for Native American females (12.7%), white females (4.2%), and white males (6.7%).

Figure 44

PERCENT DISTRIBUTION OF DEATHS BY SELECTED CAUSE AND RACE MALE MONTANA RESIDENTS, 2000



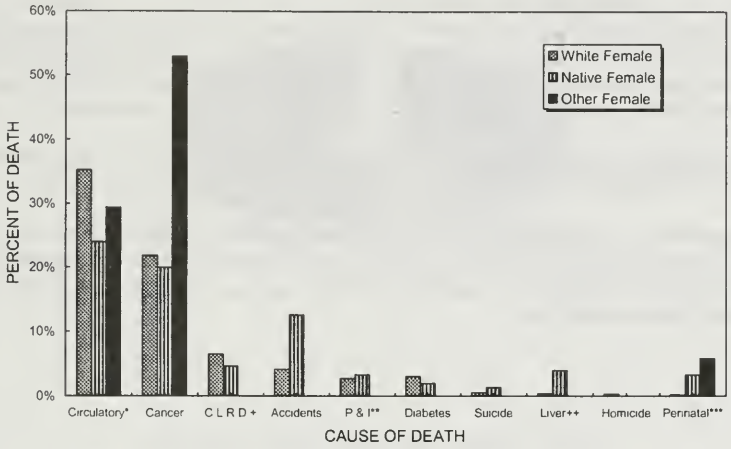
* Diseases of the Circulatory system
\+ Chronic Lower Respiratory Disease (C.L.R.D.)
** Pneumonia and Influenza
++ Chronic Liver Disease and Cirrhosis
*** Certain Conditions Originating in the Perinatal Period

Homicide, suicide, chronic liver disease and cirrhosis, and conditions originating in the perinatal period did not constitute large percentages of deaths in any of these groups, but the distribution among races and sexes is of interest. The proportion of deaths from homicides for Native American males was 3.7 %, roughly ten times that for white males. Predominantly, individuals who committed suicide were males. Three and two-tenths percent of white male decedents committed suicide while only 0.5% of white female decedents did so. Corresponding percentages for Native Americans were 2.8% for males and 1.3% for females.

About four-tenths of one percent of both white male and white female decedents died of chronic liver disease and cirrhosis. These proportions were much larger for Native American males (1.4 %) and females (4.0%). Nine-tenths of Native American male decedents and 3.3 % of Native American female decedents died of conditions originating in the perinatal period. Corresponding proportions for white decedents were 0.25% and 0.19% for males and females, respectively.

Figure 45

PERCENT DISTRIBUTION OF DEATHS BY SELECTED CAUSE AND RACE FEMALE MONTANA RESIDENTS, 2000



* Diseases of the Circulatory system
\+ Chronic Lower Respiratory Disease (C.L.R.D.)
** Pneumonia and Influenza
++ Chronic Liver Disease and Cirrhosis
*** Certain Conditions Originating in the Perinatal Period

Those who died of heart disease were most likely men older than age 35. After 35, the deaths due to heart disease were predominantly men until after 55 years of age; then the women's proportion was roughly equal t o that of men. Accidental death victims in 2000 were most likely to be men in their late teens to early twenties or in their early forties. The Montana resident committing suicide was likely to be a man, between 40 and 54, using a firearm. Montana resident homicide victims were most likely to be males (24 males compared to 11 females). Nearly three-quarters of the homicides involved use of a firearm.

Table 9 also shows the frequency of accidental deaths of Montanans by age at death and type of accident. Motor vehicle accidents accounted for the majority of accidental deaths for those from 10 to 64 years of age and for more than one-third of the accidental deaths of younger children.

Figure 46 displays leading causes of death by age group for Montana residents. In 2000, sudden infant death syndrome, certain conditions originating in the perinatal period, and congenital anomalies, accounted for more than three-quarters of the infant deaths. Deaths due to conditions originating in the perinatal period — including maternal factors and complications of labor and delivery, birth trauma, infections, and respiratory, cardiovascular, and digestive system disorders specific to this period— were the leading cause of death in the "under one year" age category—(38.1%), followed by congenital anomalies—including malformations of the nervous system, eye, ear, face, neck, and circulatory, respiratory, and digestive systems—(22.2%). Accidents (38.9%) were the leading cause of death for decedents aged 1 to 4 years. **Table 12** displays the frequency of infant death by race, age in days, and 130 selected causes of death. Those causes preceded by a pound sign (#) are used for ranking causes for infants only.

Less than one and one-half percent of Montana decedents were 14 years of age or younger in 2000, with accidents accounting for 28.3% of those deaths. In the age group of 5-14 year olds, accidents accounted for over half of the deaths. More than seven and one-half percent of Montana's decedents were age 44 or younger. Accidents accounted for slightly more than one-third of deaths in that age group. Suicide constituted the second leading cause of death for the age category15 to 44 (12.7 %). Of these decedents, 87.5% were males.

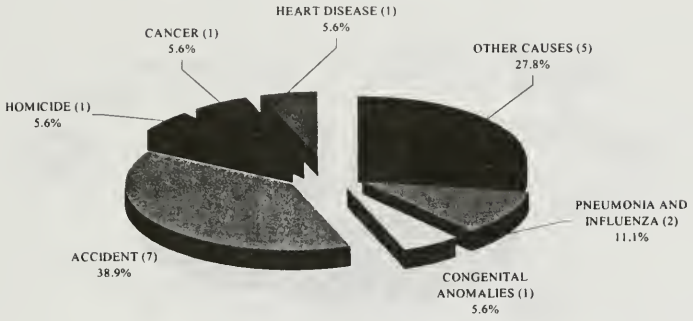
Cancer, followed by heart disease, was the leading cause of death for all of the age categories between 45 and 74. However, for the age categories 75 and older, heart disease was the leading cause, with cancer second.

For the all-age category, heart disease (24.6 %) was the leading cause of death, followed closely by cancer (23.1 %). Cerebrovascular disease (6.4 %), C.L.R.D. (7.2 %), and accidents (6 %) were a distant third, fourth, and fifth, respectively. Frequencies and crude rates for the ten leading causes of death are shown for Montana and each of its counties in **table 26**.

Figure 46

LEADING CAUSES OF DEATH BY AGE
MONTANA RESIDENTS, 2000

1 - 4 YEARS OF AGE, TOTAL = 18



UNDER 1 YEAR OF AGE, TOTAL = 63

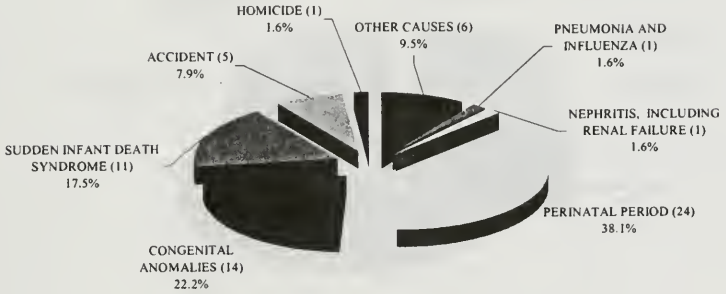
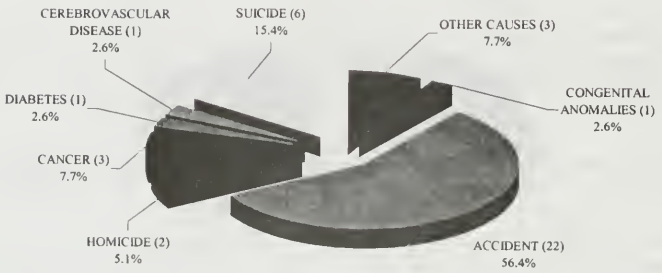


Figure 46 (Continued)

LEADING CAUSES OF DEATH BY AGE
MONTANA RESIDENTS, 2000

5 - 14 YEARS OF AGE, TOTAL = 39



15 - 24 YEARS OLD, TOTAL = 134

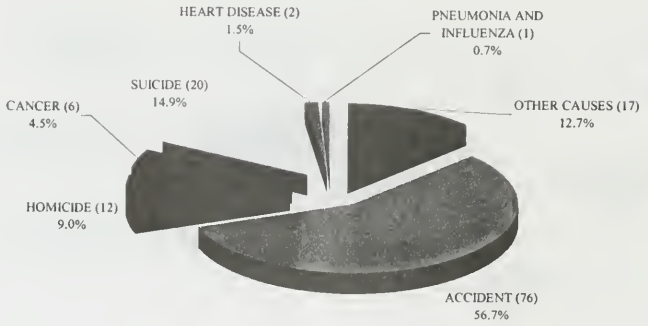
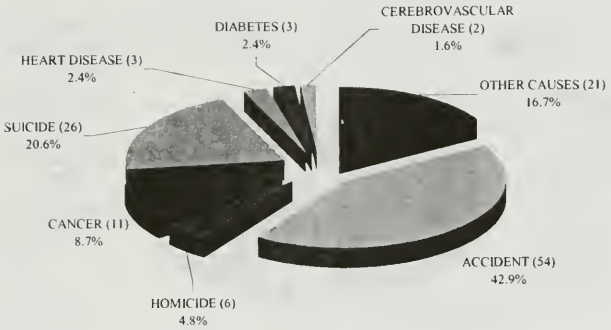


Figure 46 (Continued)

LEADING CAUSES OF DEATH BY AGE
MONTANA RESIDENTS, 2000

25 - 34 YEARS OF AGE, TOTAL = 126



35 - 44 YEARS OF AGE, TOTAL = 250

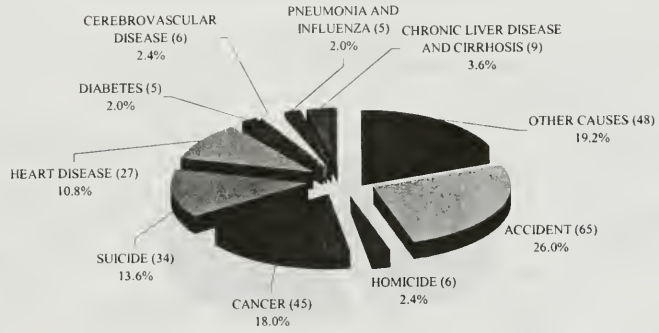
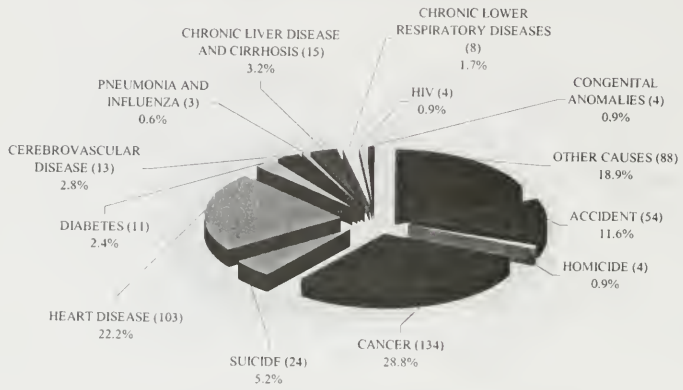


Figure 46 (Continued)

LEADING CAUSES OF DEATH BY AGE
MONTANA RESIDENTS, 2000

45 - 54 YEARS OF AGE, TOTAL = 465


CHRONIC LOWER RESPIRATORY DISEASES (8) 1.7%
CHRONIC LIVER DISEASE AND CIRRHOSIS (15) 3.2%
PNEUMONIA AND INFLUENZA (3) 0.6%
HIV (4) 0.9%
CONGENITAL ANOMALIES (4) 0.9%
CEREBROVASCULAR DISEASE (13) 2.8%
OTHER CAUSES (88) 18.9%
DIABETES (11) 2.4%
ACCIDENT (54) 11.6%
HOMICIDE (4) 0.9%
HEART DISEASE (103) 22.2%
CANCER (134) 28.8%
SUICIDE (24) 5.2%

55 - 64 YEARS OLD, TOTAL = 775

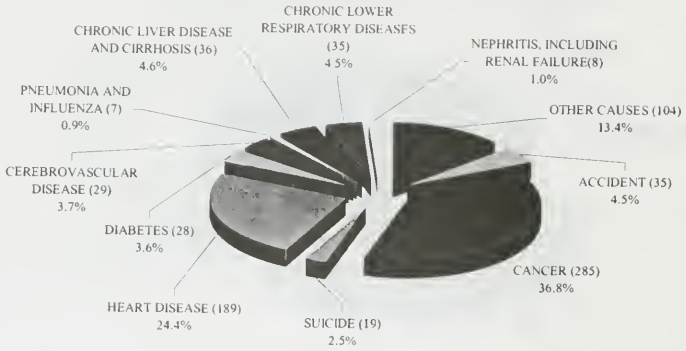
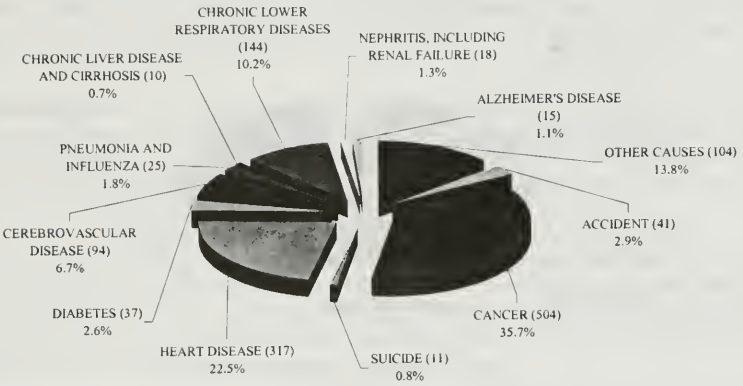

CHRONIC LOWER RESPIRATORY DISEASES (35) 4.5%
CHRONIC LIVER DISEASE AND CIRRHOSIS (36) 4.6%
NEPHRITIS, INCLUDING RENAL FAILURE(8) 1.0%
PNEUMONIA AND INFLUENZA (7) 0.9%
OTHER CAUSES (104) 13.4%
CEREBROVASCULAR DISEASE (29) 3.7%
ACCIDENT (35) 4.5%
DIABETES (28) 3.6%
CANCER (285) 36.8%
HEART DISEASE (189) 24.4%
SUICIDE (19) 2.5%

Figure 46 (Continued)

LEADING CAUSES OF DEATH BY AGE
MONTANA RESIDENTS, 2000

65 - 74 YEARS OLD, TOTAL = 1,411


CHRONIC LOWER RESPIRATORY DISEASES (144) 10.2%
NEPHRITIS, INCLUDING RENAL FAILURE (18) 1.3%
CHRONIC LIVER DISEASE AND CIRRHOSIS (10) 0.7%
ALZHEIMER'S DISEASE (15) 1.1%
PNEUMONIA AND INFLUENZA (25) 1.8%
OTHER CAUSES (104) 13.8%
CEREBROVASCULAR DISEASE (94) 6.7%
ACCIDENT (41) 2.9%
DIABETES (37) 2.6%
CANCER (504) 35.7%
HEART DISEASE (317) 22.5%
SUICIDE (11) 0.8%

75 - 84 YEARS OLD, TOTAL = 2,413

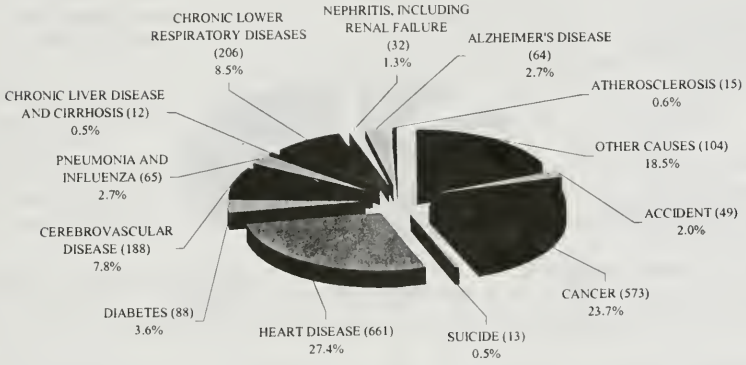
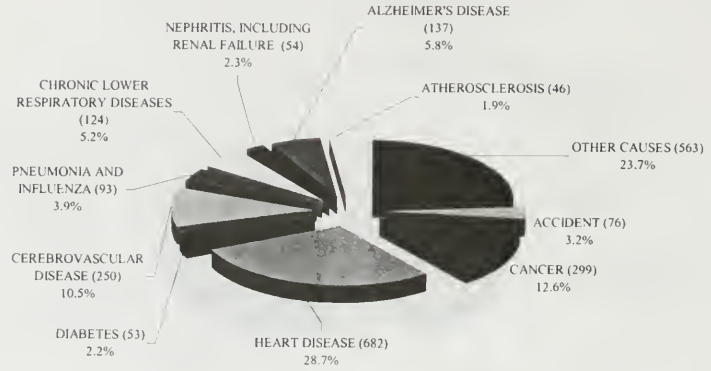

CHRONIC LOWER RESPIRATORY DISEASES (206) 8.5%
NEPHRITIS, INCLUDING RENAL FAILURE (32) 1.3%
ALZHEIMER'S DISEASE (64) 2.7%
ATHEROSCLEROSIS (15) 0.6%
CHRONIC LIVER DISEASE AND CIRRHOSIS (12) 0.5%
OTHER CAUSES (104) 18.5%
PNEUMONIA AND INFLUENZA (65) 2.7%
ACCIDENT (49) 2.0%
CEREBROVASCULAR DISEASE (188) 7.8%
CANCER (573) 23.7%
DIABETES (88) 3.6%
HEART DISEASE (661) 27.4%
SUICIDE (13) 0.5%

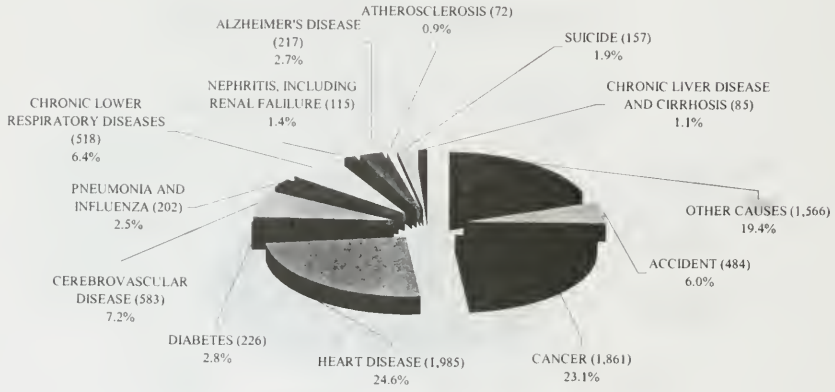
Figure 46 (Concluded)

LEADING CAUSES OF DEATH BY AGE
MONTANA RESIDENTS, 2000

85 YEARS OLD AND OLDER, TOTAL = 2,377


ALZHEIMER'S DISEASE (137) 5.8%
NEPHRITIS, INCLUDING RENAL FAILURE (54) 2.3%
CHRONIC LOWER RESPIRATORY DISEASES (124) 5.2%
ATHEROSCLEROSIS (46) 1.9%
OTHER CAUSES (563) 23.7%
PNEUMONIA AND INFLUENZA (93) 3.9%
ACCIDENT (76) 3.2%
CEREBROVASCULAR DISEASE (250) 10.5%
CANCER (299) 12.6%
DIABETES (53) 2.2%
HEART DISEASE (682) 28.7%

ALL AGES, TOTAL = 8,071


ATHEROSCLEROSIS (72) 0.9%
ALZHEIMER'S DISEASE (217) 2.7%
SUICIDE (157) 1.9%
NEPHRITIS, INCLUDING RENAL FAILURE (115) 1.4%
CHRONIC LIVER DISEASE AND CIRRHOSIS (85) 1.1%
CHRONIC LOWER RESPIRATORY DISEASES (518) 6.4%
PNEUMONIA AND INFLUENZA (202) 2.5%
OTHER CAUSES (1,566) 19.4%
ACCIDENT (484) 6.0%
CEREBROVASCULAR DISEASE (583) 7.2%
DIABETES (226) 2.8%
HEART DISEASE (1,985) 24.6%
CANCER (1,861) 23.1%

YEARS OF POTENTIAL LIFE LOST

The more traditional approach to cause of death analysis relies on frequency of death. This perspective emphasizes diseases that affect older ages, simply because of the larger number of such deaths. Years of potential life lost (YPLL) is an alternative measure that highlights premature, preventable, and unnecessary mortality. There are a number of different calculations for YPLL, each with a slightly different emphasis. Here we use the "premature years of potential life lost" calculation, which is easily understood and is used by the Center for Disease Control and Prevention (CDC). For each decedent younger than 75, the age at death is subtracted from 75. The results are summed by cause of death. This measure is referred to here as YPLL-75.

Frequencies for the ten leading causes of death for Montana residents are reported in **Table 26**. The ten leading causes are: heart disease (24.6% of all resident deaths); cancer (23.06%); cerebrovascular disease (7.2%); chronic lower respiratory diseases (CLRD)—(6.4%); accidents (6.0%);%); diabetes (2.8%); Alzheimer's disease (2.7%); pneumonia and influenza (2.5%), suicide (2.0%); and nephritis, nephrotic syndrome and nephrosis (1.4%). **Figure 47** represents the traditional view of cause of death analysis, showing the frequency, or number of deaths, in each cause of death category. All Montanans who died in 2000 are reflected in this figure.

An alternative perspective, YPLL-75, is shown in **Figure 48**. Only decedents younger than 75 at the time of death are reflected in this figure. Accidents, homicide, and suicide comprise only 8.4% of the incidences of death in 2000 but accounted for 32.8% of the total losses as measured by YPLL-75. Society's losses include emotional and financial support for families of the decedents and productivity for the economy as a whole. The decedents, of course, lose life itself.

In 2000, the total loss of life before age 75 was 60,641 years. The loss to society resulting from all accidental deaths was 13,523 years, more than 22% of total YPLL for 2000. These deaths represent the single greatest YPLL-75 among all the preventable causes of death. Motor vehicle accidents alone accounted for a loss of 8,475 years (14.0%). Cancer and heart disease also caused large losses to society, accounting for 12,884 years (21.2%) and8,152 years (13.4%), respectively.

Regardless of which of these two perspectives is used, heart disease and cancer cause a large social loss because of the numbers of deaths they cause, both in the total population and the population under age 75. The YPLL-75 perspective, however, reorders the ranking of the leading causes of death, highlighting areas the CDC has said "provide the greatest potential for health improvement." Accidental death (both motor vehicle and non-motor-vehicle) was only the fifth leading cause of death using frequency of death, but ranks first in terms of YPLL-75, indicating that accidental deaths are prevalent in those less than 75 years of age and cause great losses to society due to premature death. Suicide ranked ninth by frequency, but became the fourth leading cause when measured by total YPLL-75.

Average YPLL-75 is calculated by dividing the total YPLL-75 for each cause of death by the number of deaths of decedents less than 75 years of age. While total YPLL-75 emphasizes the loss to society in terms of years of lost life, average YPLL-75 emphasizes the loss to the individual. This measure is shown in **Figure 49.**

The category "conditions originating in the perinatal period" was the greatest average loss to an individual (nearly 75 years lost). External causes of death--including motor vehicle accidents (41.3 years), other accidents (32.8), homicide (45.1), and suicide (34.4)—were the next largest categories of average loss.

In general, average YPLL-75 was highest when median age was lowest. For instance, Alzheimer's had the lowest associated average YPLL-75, 4.8 years per decedent younger than 75, and the second highest associated median age, 87 years. There were notable exceptions, however, because average YPLL-75 is influenced by both the age at which decedents died and the number of decedents under age 75 in the cause-of-death category in question. Those dying of pneumonia and influenza had a median age of 84 years but an average YPLL-75 of 16 years, a value roughly in the middle of the values for that measure.

Figure 47

FREQUENCY OF DEATH BY CAUSE OF DEATH
MONTANA RESIDENTS, 2000

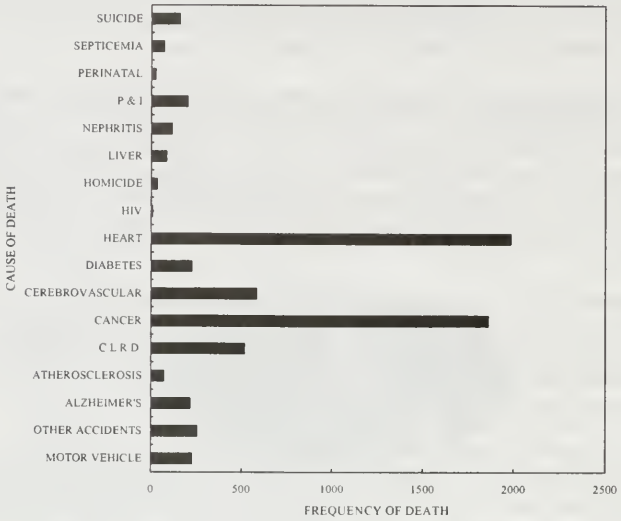


Figure 48

TOTAL YEARS OF POTENTIAL LIFE LOST BEFORE AGE 75
BY CAUSE OF DEATH
MONTANA RESIDENTS, 2000

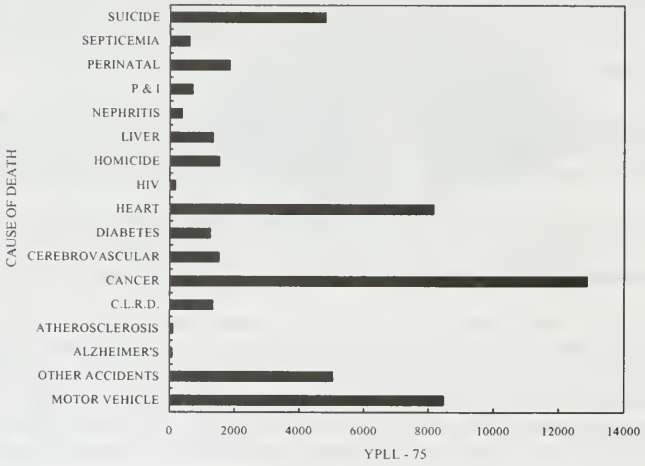
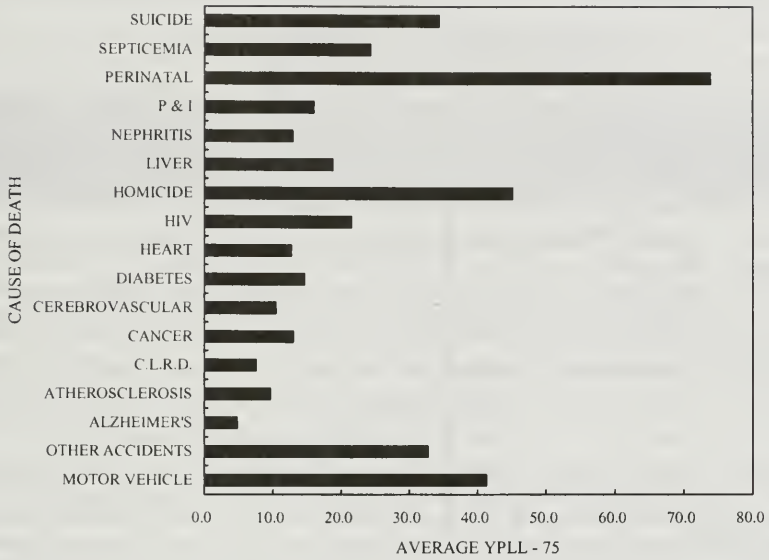


Figure 49

AVERAGE YEARS OF POTENTIAL LIFE LOST BEFORE AGE 75
BY CAUSE OF DEATH



MONTANA RESIDENTS, 2000

Figure 50 summarizes average and total YPLL-75, frequency of death, and age at death for these same 17 causes of death. The left side of the table shows YPLL-75 and related measures--i.e., measures referring to the number of decedents in 2000 who died before the age of 75. The right side of the table shows statistics referring to all decedents, regardless of age. Causes of death are shown in descending order of average years of life lost before age 75.

Average YPLL-75 was highest for those dying of conditions arising in the perinatal period. This is not surprising, since such decedents generally die in infancy or early childhood. Compared to the numbers who died of cancer or heart disease, relatively few residents died of conditions arising in the perinatal period, but all of them contributed nearly the maximum number of years (75) to total YPLL-75.

The "external" causes of death--motor vehicle accidents, homicide, non-motor-vehicle accidents, and suicide--ranked next in terms of average YPLL-75. While relatively few died of these causes (compared to cancer or heart disease), those decedents tended to be fairly young or middle aged. Cancer and heart disease killed large numbers of people. However, their victims tended, on average, to be elderly, producing relatively low average YPLL-75 measures.

Figure 50

AGE AT DEATH AND YEARS OF POTENTIAL LIFE LOST BEFORE AGE 75
BY CAUSE OF DEATH
CENTRAL TENDENCY AND DISPERSION*
MONTANA RESIDENTS, 2000

CAUSE OF DEATH	AVERAGE YPLL - 75	NUMBER OF DECEDENTS YOUNGER THAN 75	TOTAL YPLL - 75	MINIMUM AGE	MEAN AGE	MEDIAN AGE	MODAL AGE	MAXIMUM AGE	STANDARD DEVIATION	NUMBER OF DECEDENTS OF ALL AGES
All Causes	18 48	3,281	60,641	0	73 4	78	82	106	18 5	8,071
Certain Conditions Arising in the Perinatal Period	73.88	25	1,847	0	1 1	0	0	28	5 6	25
Homicide	45 12	34	1,534	0	31 4	29	21	84	18 2	35
Motor Vehicle Accidents	41 34	205	8,475	0	38 6	34	17	93	22 3	228
Suicide	34 37	140	4,812	13	45 1	42	35	88	19 8	157
Non-Motor-Vehicle Accidents	32 78	154	5,048	0	60 3	65	82	103	27 7	256
Septicemia	24 32	25	608	0	73 6	80	80	98	21 2	71
HIV Infection	21 50	8	172	44	53 5	51	44	70	10 6	8
Chronic Liver Disease & Cirrhosis	18 77	71	1,333	29	60 3	60	58	90	13 3	85
Pneumonia & Influenza	15 98	44	703	0	80 3	84	86	106	15 7	202
Diabetes Mellitus	14 67	85	1,247	14	74 6	78	83	99	14 2	226
Cancer	13 03	989	12,884	4	71 6	73	79	99	13 5	1861
Nephritis	12 93	29	375	0	80 4	84	85	98	14 2	115
Heart Disease	12 70	642	8,152	1	77 8	80	77	105	13 1	1985
Cerebrovascular Disease	10 48	145	1,520	13	80 5	83	86	106	11 8	583
Atherosclerosis	9 64	11	106	45	85 4	88	89	101	11 3	72
C.L.R.D.	7 55	188	1,420	43	77 5	78	82	100	9 6	518
Alzheimer's Disease	4 81	16	77	55	86 1	87	85	104	7 5	217

* The *mean* is the arithmetic average, the *median* is the midpoint, and the *mode* is the age for the greatest number of decedents. The *standard deviation* measures the concentration of the distribution around the mean.

CANCER INCIDENCE AND PREVALENCE

CANCER INCIDENCE BY PRIMARY SITE

This section contains a report on Montana's cancer incidence data for calendar year 2000, reported as of July 2001. Mortality data are for the entire calendar year. Incidence reporting for calendar year 2000 was approximately 82% completed on this date with 3,290 new cancer diagnoses having been reported for 2000. For this reason, many multi-year comparisons exclude 2000. The expected number of Montana cancer cases for 2000 is 4,030. Estimates of Montana's expected cancer cases are based on Montana's population adjusted to the national Surveillance, Epidemiology, and End Results (SEER) rates to estimate age-specific expected cases. The age-specific rates are totaled to determine yearly estimated cancer cases expected.

Table 31 shows reported incidence of cancer for Montana residents diagnosed in 2000. The table shows cancer incidence by sex and by primary site--the original bodily location or organ system of the cancer. The most frequently diagnosed cancers were of the female breast (17.6% of all cancer diagnoses), the lung and bronchus (14.0%), the prostate (16.1%), the colon (6.4%), the urinary bladder (3.9%), Hodgkin's and Non-Hodgkin's Lymphoma (4.1%) and the rectum and rectosigmoid (3.1%). Invasive cervical cancer accounted for less than 1% of cancer diagnoses (4.4% for both in-situ and malignant) for Montanans for 2000. However, 124 of the 145 cervical cancers were in-situ--that is, non-invasive. Testicular cancer also accounted for less than 1% of cancer diagnoses—only 25 cases were reported in 2000.

Table 32 shows the incidence of cancer for the ten most frequently diagnosed primary sites and by the sex and age of the patient at diagnosis. Men diagnosed with prostate cancer tended to be 50 or older. Diagnoses of breast cancer in women generally began in their early thirties and the age distribution was not as concentrated on a central age category as was that of prostate cancer for men. In 2000, Montanans diagnosed with cancer of the lung and bronchus or the urinary bladder were most likely to be men aged 50 or older. Those diagnosed with cancer of the colon were about equally likely to be male or female and usually 50 years of age or older. The distribution of 2000 cancer diagnoses by site, sex, and county of residence is shown in **Table 33** for the 10 most frequently diagnosed primary sites.

Figures 51, 53, 55, and 55 show the number of cancer diagnoses by year, sex of the patient, and stage of disease at diagnosis for prostate, breast, lung, and colorectal cancer respectively. The stage of disease is recorded at the time of diagnosis and is not updated as the cancer progresses. Diagnosis at a localized stage means that the cancer has not spread beyond the organ or site of origin. Diagnosis at a regional stage means the cancer has spread to adjacent organs or regional lymph nodes. Diagnosis at a distant stage means the cancer has spread past adjacent organs or tissues to lymph nodes or organs elsewhere in the body.

Figures 52, 54, 56, and 58 show the five-year relative survival rates for these same cancers, comparing Montana and the United States. The five-year survival rate is the percent of all patients who are living five years after diagnosis, whether the patient is in remission, disease-free, or under treatment. These rates have been adjusted to account for patients dying from causes other than cancer.

PROSTATE CANCER

Prostate cancer was the most common cancer diagnosed in men in Montana and the United States, with 529 cases reported for 2000 in Montana. This incidence rate usually exceeds that of lung cancer. Nationally, it is primarily a disease of the elderly, as the median age at diagnosis is 70. In 2000, 108 Montana residents died of prostate cancer (**Tables 9 and 10**), making it the third leading cause of cancer deaths.

Figure 51 shows the number of prostate cancer diagnoses reported by year and the stage at diagnosis for the years 1991 through 2000. The patient diagnosed with prostate cancer at early stages may be asymptomatic or just have symptoms of lower urinary tract obstruction. In 2000, 64% of prostate cancers were diagnosed at a local stage. Bone pain is the most frequent complaint from patients diagnosed with advanced disease. In Montana, the percentage of prostate cancers diagnosed at a distant stage decreased from 10% in 1990 to 4% in 2000. The Prostate-Specific Antigen (PSA) test has been useful in detecting prostate cancer at earlier stages. About 90% of cancers of the prostate are characterized as adenocarcinomas.

Figure 51

DIAGNOSIS OF PROSTATE CANCER
MONTANA RESIDENTS, 1991-2000

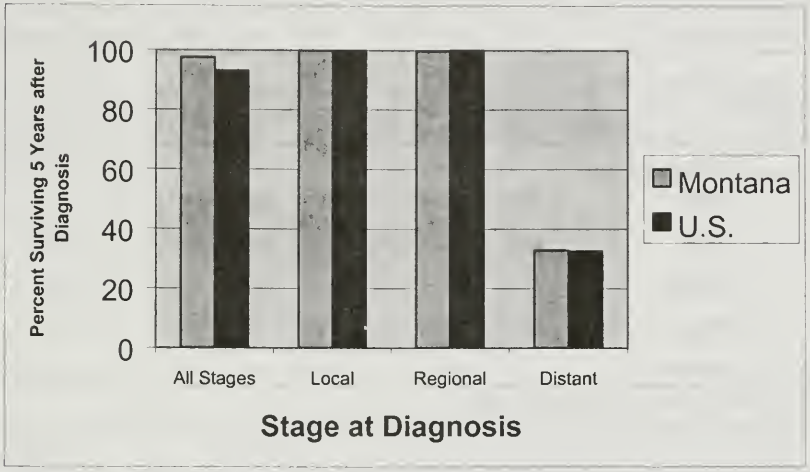
Year of Diagnosis	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
Number of Cases Diagnosed	628	809	795	637	700	651	639	676	608	529
Percent Stage at Diagnosis*										
In-Situ	0%	0%	0%	0%	0%	0%	1%	0%	0%	0%
Local	53%	60%	60%	64%	63%	58%	60%	67%	60%	64%
Regional	17%	19%	19%	15%	14%	17%	13%	14%	15%	10%
Distant	10%	8%	7%	6%	5%	5%	6%	5%	4%	4%
Unknown	20%	14%	14%	14%	19%	19%	20%	14%	21%	22%

* Percents may not add to 100% because of rounding.

Figure 52 shows five-year survival rates for prostate cancer, comparing Montana's to the United States' rate. Over 99% of Montanans diagnosed at a localized or regional stage were alive five years after diagnosis; however, only about 33% of those diagnosed at a distant stage were alive five years after diagnosis. Although survival rates are high for early diagnosis, it should be re-emphasized that prostate cancer was the third leading cause of cancer deaths among Montanans in 2000.

Figure 52

FIVE-YEAR RELATIVE SURVIVAL BY STAGE AT DIAGNOSIS FOR PROSTATE CANCER MONTANA AND THE UNITED STATES, 1991-2000



Prostate cancer is generally treated with surgery or radiation. About 50% of patient's diagnosed with prostate cancer have surgery (prostatectomy) within four months after diagnosis. Patients with early stage prostate cancer often opt for no treatment, but their physicians must watch these patients closely. About 35% of prostate cancer patients are treated with radiation. About 25% are treated with hormonal therapy shortly after diagnosis, but this course of treatment is usually reserved for patients with advanced disease.

BREAST CANCER

Breast cancer was the most frequently reported malignancy among Montana women for 2000, with 578 cases reported as diagnosed. It was the underlying cause of death for 132 Montanans in 2000 (**Tables 9 and 10**), making it the fourth most frequent cause of cancer deaths. Breast cancer incidence increases dramatically with age, and the majority of cases occur after age 50. In Montana in 2000, 17% were diagnosed at an in-situ stage, 51% of breast cancers at a local stage, 22% at a regional stage, and 3% at a distant stage.

The distribution of stage at diagnosis is shown in **Figure 53**. The proportion of patients diagnosed at an in-situ stage has increased slightly over the past decade, while the proportion diagnosed at a distant stage has decreased. Patients are being diagnosed at earlier stages and are detecting cancers earlier. Breast self-examination (BSE) may detect about 60% of breast cancers. Patients who perform routine BSE find smaller lesions and it is well established that women with early-stage breast cancer have better chances of survival. Screening mammography can detect a breast cancer in an earlier stage, which may account for an increase in the diagnosis of breast cancer nationally over the last decade

Figure 53

DIAGNOSIS OF BREAST CANCER
MONTANA RESIDENTS, 1991-2000

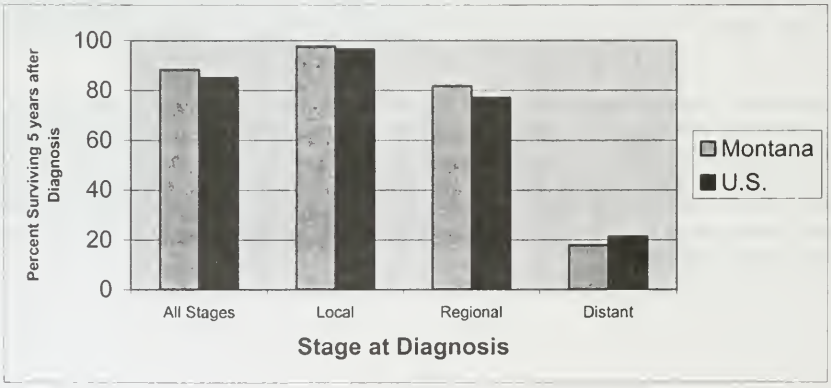
Year of Diagnosis		1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
Number of Cases Diagnosed	Males	3	2	5	4	1	1	5	5	4	2
	Females	549	602	666	630	678	734	713	757	687	581
Percent Stage at Diagnosis* In-Situ		6%	10%	7%	10%	12%	12%	14%	15%	18%	17%
Local		56%	54%	59%	56%	56%	55%	51%	54%	50%	51%
Regional		27%	26%	25%	24%	22%	24%	29%	26%	24%	22%
Distant		4%	2%	3%	6%	4%	4%	3%	2%	3%	3%
Unknown		7%	8%	5%	4%	6%	5%	3%	2%	5%	8%

* Percents may not add to 100% because of rounding.

Figure 54 shows the five-year relative survival rate for women diagnosed with breast cancer, comparing Montana with the United States. For Montana women, this rate was 98% at the local stage. Diagnosis at a regional stage decreases five-year survival to about 81%. If the cancer was diagnosed at a distant stage, the rate of survival was 18%. Breast cancer is treated in a variety of ways. Almost 95% of breast cancer patients are treated with surgery (lumpectomy or mastectomy) and about 40% are treated with radiation. About 40% are treated with both surgery and radiation. About 35% of patients are treated with chemotherapy, hormonal therapy or both. Almost 75% of breast cancers are duct cell carcinomas and over 10% are lobular carcinomas, which are a form of adenocarcinoma of the mammary gland.

Figure 54

FIVE-YEAR RELATIVE SURVIVAL BY STAGE AT DIAGNOSIS FOR BREAST CANCER
MONTANA AND THE UNITED STATES, 1991-2000



LUNG CANCER

In Montana, lung cancer was the second most common cancer diagnosis among men (after prostate cancer) and women (after breast cancer) for 2000; 459 new cases have been reported for 2000. It was the underlying cause of death for 483 Montanans (**Tables 9 and 10**), making it the leading cause of cancer deaths. The incidence of lung cancer increased in males by about 10% from 1991 to 2000; the percentage increase in women was more than twice as large (30%).

The number of cases diagnosed and the stage at diagnosis for lung cancer diagnoses of Montanans are shown in **Figure 55**. In 2000, 41% of lung cancers were diagnosed at a distant stage and only 20% at a local stage. The stage was unknown or unstageable for about 12% of lung cases in 2000. Certain types of lung cancer spread very early and quickly, which causes the patient to be diagnosed at a regional or distant stage.

Figure 55

DIAGNOSIS OF LUNG CANCER
MONTANA RESIDENTS, 1991-2000

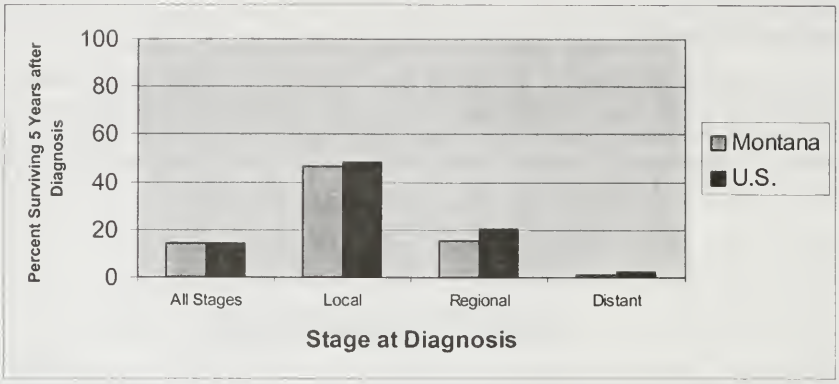
Year of Diagnosis		1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
Number of Cases Diagnosed	Males	304	308	307	316	332	344	322	381	284	247
	Females	193	202	212	227	230	241	263	295	210	212
Percent Stage at Diagnosis*											
In-Situ		0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Local		21%	22%	22%	22%	18%	21%	17%	18%	16%	20%
Regional		27%	25%	25%	24%	24%	22%	26%	28%	28%	27%
Distant		34%	39%	42%	38%	40%	41%	41%	42%	44%	41%
Unknown		17%	13%	11%	16%	18%	16%	15%	12%	12%	12%

* Percents may not add to 100% because of rounding.

Lung cancer has a much poorer prognosis than other cancers, partly because relatively few cases are diagnosed at an early stage. **Figure 56** shows the five-year relative survival rate for lung cancer, comparing Montana and the United States rates. Forty-six percent of patients diagnosed at a localized stage survive five years; however, only 15% survive five years if diagnosed at a regional stage and less than 2% if diagnosed at a distant stage. Treatment methods for lung cancer are determined by the type of cancer and the stage at diagnosis. Most lung cancers are treated with surgery, radiation, or chemotherapy. About 24% of patients with lung cancer are treated with surgery and about 45% are treated with radiation. Chemotherapy is given to about 40% of patients. A cough is the most common symptom of a lung cancer, but since coughing is a common symptom of many acute and chronic conditions, the diagnosis of lung cancer may be delayed. Twenty-four percent of lung cancers are squamous cell carcinomas, derived from stratified squamous epithelium. Almost 26% are adenocarcinomas and 20% are carcinoma, NOS.

Figure 56

FIVE-YEAR RELATIVE SURVIVAL BY STAGE AT DIAGNOSIS FOR LUNG CANCER
MONTANA AND THE UNITED STATES, 1991-2000



COLORECTAL CANCER

Colorectal cancer was the fourth most common malignancy in Montanans for 2000; there were 314 cases diagnosed and 166 deaths caused by colorectal cancer in 2000 (**Tables 9 and 10**). Because of the anatomic proximity and physiologic similarity of the colon and rectum, these two segments are often reported together as "colorectal" cancer. The incidence of colorectal cancer is extremely low in childhood and increases with age. **Figure 57** shows the frequency and stage at diagnosis for cancers of the colon and rectum. In 2000, 33% were diagnosed at a local stage, 44% at a regional stage, and 13% at a distant stage.

Figure 57

DIAGNOSIS OF COLORECTAL CANCER
MONTANA RESIDENTS, 1991-2000

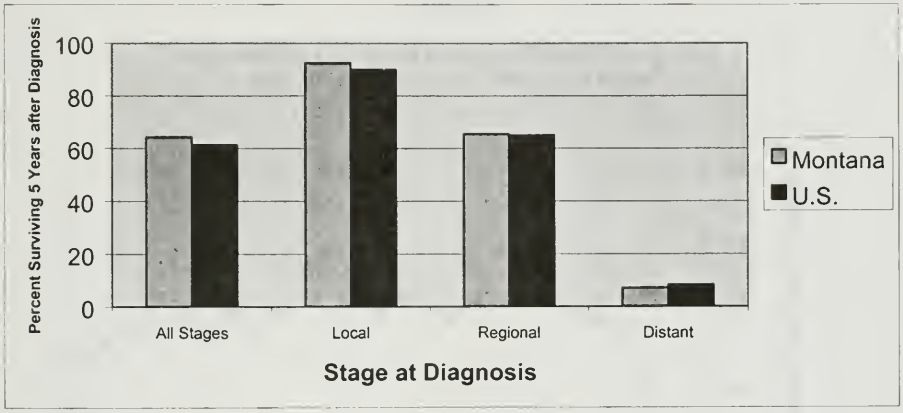
Year of Diagnosis		1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
Number of Cases Diagnosed	Males	248	220	224	222	222	251	264	289	243	174
	Females	206	192	201	223	221	216	227	237	205	141
Percent Stage at Diagnosis*											
In-Situ		3%	2%	2%	2%	2%	3%	4%	4%	2%	4%
Local		39%	40%	34%	39%	34%	36%	36%	34%	32%	33%
Regional		32%	34%	40%	35%	40%	39%	38%	41%	43%	44%
Distant		17%	15%	16%	14%	15%	13%	15%	16%	16%	13%
Unknown		9%	9%	8%	9%	9%	8%	6%	5%	7%	6%

* Percents may not add to 100% because of rounding.

Figure 58 shows the five-year relative survival of patients diagnosed with colorectal cancer, comparing Montana and the United States. When colorectal cancer is detected at an early, or localized, stage the five-year relative survival is almost 93%. After the cancer has spread to a regional organ or lymph node, the survival rate drops to about 65%. Colorectal cancer is mostly treated with surgery or chemotherapy or both. Almost 90% of patients with colorectal cancer are treated with surgery and about 33% are treated with chemotherapy. About 15% are treated with radiation. About 70% of colorectal carcinomas are adenocarcinoma and 11% are mucinous adenocarcinoma (an adenocarcinoma which secretes mucin).

Figure 58

FIVE-YEAR RELATIVE SURVIVAL BY STAGE AT DIAGNOSIS FOR COLORECTAL CANCER MONTANA AND THE UNITED STATES, 1991-2000



References:

SEER Cancer Statistics Review, 1973-1997, National Institutes of Health, National Cancer Institute.
Practical Oncology a Lange Clinical Manual, Robert B. Cameron, MD, 1994.
Clinical Oncology, Second Edition, American Cancer Society, 1995.

INDUCED ABORTIONS

Induced terminations of pregnancy (abortions) have been reported to the department since July 1, 1974, when the Montana Abortion Control Act was implemented. States no longer report induced abortions to the National Center for Health Statistics and few states exchange resident abortion statistics. For these reasons, national abortion rates are estimates based on incomplete reporting and Montana's complete resident abortion statistics are unknown. The statistics provided in this report are for those abortions occurring in Montana, and any references to Montana residents must be viewed as incomplete. **Figure 59** shows the ratio of abortions performed in Montana to live births delivered in Montana since 1975.

Beginning in 1975, the first full year of reporting, and continuing on to the early eighties, the ratio of abortions performed in Montana to the number of live-born babies delivered in the state increased rapidly; the ratio was 129.92 in 1975 and rose to a peak of 295.58 in 1983. From 1983 through 2000, it has trended slightly downward but varied unpredictably from year to year. The ratio was 223.35 in 2000.

Figure 59

RATIO OF INDUCED ABORTIONS TO LIVE BIRTHS
MONTANA OCCURRENCES, 1975-2000

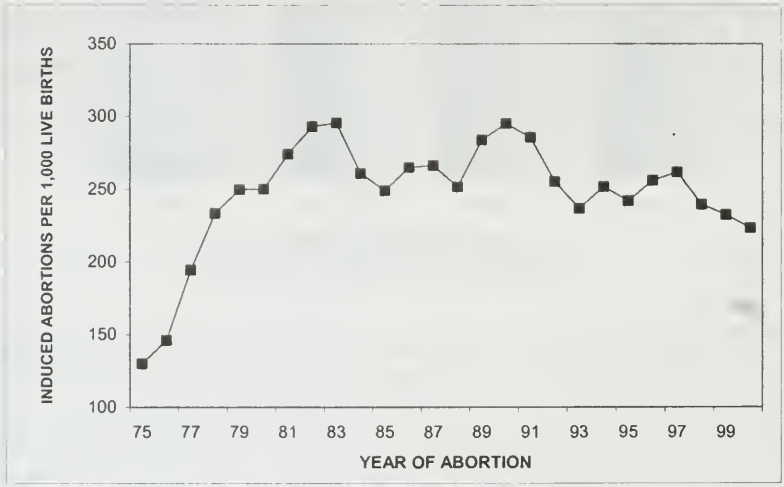


Table 16 displays Montana occurrence abortions by the patient's number of previous pregnancies and number of previous induced abortions for 2000.

The frequency of induced abortion in 2000 is also tabulated by age of patient (**Table 17**) and by gestational age and procedure used for termination (**Table 18**).

Table 19 displays Montana occurrence abortions by county of occurrence, Montana county of residence, and state or country of residence.

There were no deaths, attributable to the procedure of abortion, of women receiving abortions in Montana in 2000. Such has been the case in Montana since 1974.

Eight of the 2,441 procedures performed in Montana in 2000 resulted in reported complications: one with an infection, one with uterine perforation, three with hemorrhage, one with cervical laceration, one precipitous delivery of a dead fetus, and one with an unspecified complication.

MARRIAGE

There were 6,870 marriages solemnized in Montana in 2000, an increase in the number but decrease in the previous year's rate. Except for a brief resurgence in Montana's rate between 1988 and 1992, the trends in marriage rates for both Montana and the United States have been in long–term decline since 1980 (see **Figure 60**).

Figure 60

MARRIAGE RATES
MONTANA AND THE UNITED STATES, 1966-2000

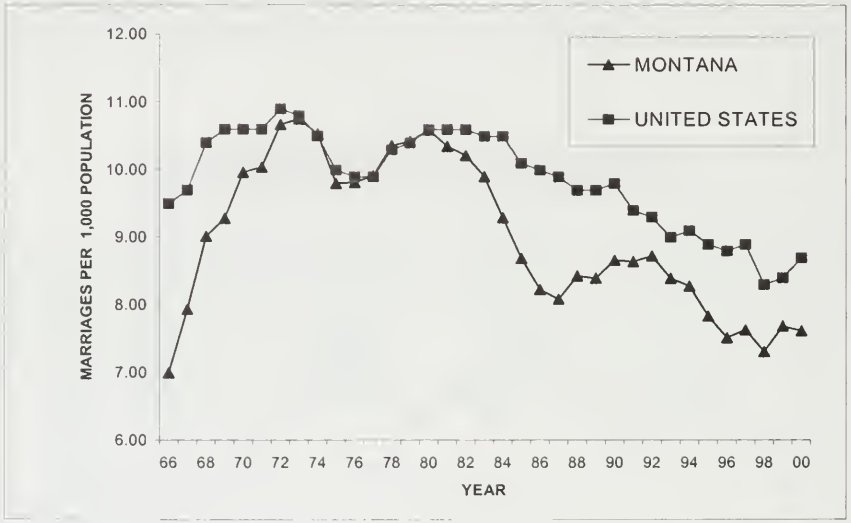


Table 22 shows the frequency of marriage by month. In the last decade, approximately 60% of the marriages solemnized in Montana occurred during the summer and fall months (June through October).

The ages of brides and grooms, by age groups and prior marital status, are shown in **Table 23**. More than 63% of the grooms and nearly 62% of the brides married for the first time in 2000. Median ages of brides and grooms for the previous five years are shown in **Table 25**. The median age of all brides in 2000 was 27 years and that of all grooms was 29.

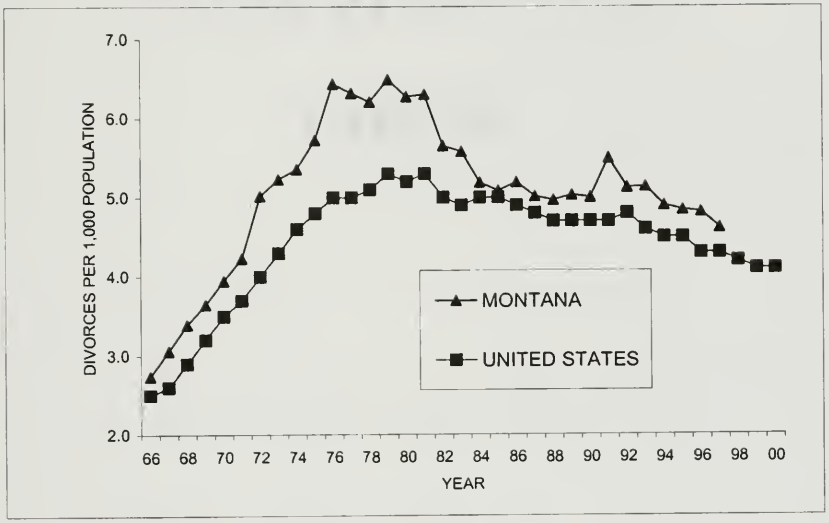
Just over half (52.0 %) of all marriages performed in Montana in 2000 were first marriages for both the bride and the groom. The frequency of such marriages is shown in **Table 24** by age of bride and groom. In 2000, nearly half (48.8 %) of those marrying for the first time, and marrying a first-time bride or groom, were in the same five-year age group as their spouse.

MARITAL TERMINATION

Marital termination (marital dissolution and invalid marriage) records for 2000 are not yet available for analysis. However, it can be seen that the trend in marital termination for Montana has been roughly parallel to the national trend since 1965, as **Figure 61** shows, although the Montana rates have been consistently higher.

Figure 61

MARITAL TERMINATION RATES
MONTANA AND THE UNITED STATES, 1966-2000



Montana's rate of marital termination per 1,000 population is shown in **Table 21**. During the past 20 years, this rate decreased from a high of 6.5 in 1979 to 4.6 in 1997.

2000

MONTANA

VITAL STATISTICS

TABLES

SYMBOLS USED IN THESE TABLES

QUANTITY IS ZERO	-
RATE OR PERCENT IS LESS THAN 0.05 . . .	0.0
DATA ARE NOT AVAILABLE	---

LIST OF REFERENCE TABLES

TABLE	CONTENTS	PAGE
1	Frequency and Rate or Ratio of Death, Live Birth, and Fetal, Infant and Maternal Mortality by Year - Montana, 1910-2000.	00-1
2	State Population by County, 2000, 1990, and 1980.	00-2
3	Frequency of Death, Live Birth, and Fetal, Infant, and Maternal Death by County of Occurrence and County of Residence - Montana, 2000	00-3
4	Frequency of Death, Live Birth, and Fetal Death by Race and County of Residence - Montana, 2000 .	00-4
5	Frequency and Percent Distribution of Births by Infant's Sex, Legitimacy, Plurality, and Parity - Montana Residents, 1996-2000.	00-5
6	Frequency and Percent Distribution of Live Births by Type of Facility or Attendant and by County of Occurrence - Montana, 2000.	00-6
7	Frequency and Percent Distribution of Live Births by Birthweight and by County of Residence - Montana, 2000	00-7
8	Frequency and Percent Distribution of Live Births to Montana Residents Delivering in Montana by Number of Children Born Alive and by Years of Education of Mother - Montana, 2000	00-8
9	Frequency of Death by Sex, Age, and up to 358 Selected Underlying Causes - Montana Residents, 2000	00-9
10	Frequency of Death by Race, Age, and up to 113 Selected Underlying Causes - Montana Residents, 2000	00-33
11	Frequency of Death from Selected Underlying Causes by County of Residence - Montana, 2000 . .	00-35

TABLE	CONTENTS	PAGE
12	Frequency of Infant Death by Race, Age, and up to 130 Selected Underlying Causes - Montana Residents, 2000	00-36
13	Frequency of Infant Mortality by Age, Race, and County of Residence - Five-Year Infant Mortality Rate by County of Residence - Montana, 2000 . . .	00-37
14	Frequency and Rate of Death from Selected Communicable Diseases by Year - Montana, 1910-2000.	00-38
15	Frequency and Rate of Death from Selected Causes by Year - Montana, 1910-2000	00-40
16	Frequency of Induced Abortion by Number of Previous Induced Abortions and Number of Previous Pregnancies - Montana Occurrences, 2000	00-42
17	Frequency of Induced Abortion by Age of Patient - Montana Occurrences, 2000	00-42
18	Frequency of Induced Abortion by Completed Week of Gestation and by Primary Procedure - Montana Occurrences, 2000	00-43
19	Frequency of Induced Abortion by County of Residence and County of Occurrence - Montana, 2000.	00-43
20	Frequency of Marriage Licenses Issued and Marriages Solemnized by County of Occurrence - Montana, 2000	00-44
21	Frequency and Rate of Marriage and Marital Termination by Year - Montana Occurrences, 1944-2000	00-45
22	Frequency and Percent Distribution of Marriages by Month of Occurrence - Montana, 2000.	00-46
23	Frequency of Marriage by Previous Marital Status and Age of Bride and by Previous Marital Status and Age of Groom - Montana Occurrences, 2000. . .	00-46

TABLE	CONTENTS	PAGE
24	Frequency of First Marriage by Age of Bride and Age of Groom - Montana Occurrences, 2000.	00-47
25	Median Ages of Brides and Grooms - Montana Occurrences, 2000	00-47
26	Selected Vital Statistics - Frequencies and Rates or Ratios by County - Montana, 2000	00-48
27	Frequency and Percent Distribution of Births, Fetal Deaths, and Induced Abortions by Mothers' or Patients' Ages and County of Residence	00-56
28	Montana Department of Public Health and Human Services Communicable Disease Program - Disease Summary for 2000.	00-65
29	Sexually Transmitted Diseases by County - 2000 Disease Summary.	00-66
30	Other Reportable Diseases of Interest	00-67
31	Reported Neoplasms by Anatomical Site and Sex - Montana Residents, 2000 Diagnoses.	00-68
32	Most Frequently Reported Neoplasms by Site, Sex, and Age - Montana Residents, 2000 Diagnoses	00-69
33	Most Frequently Reported Neoplasms by Site, Sex, and County of Residence - Montana Residents, 2000 Diagnoses	00-70

TABLE 1

FREQUENCY AND RATE OR RATIO OF
DEATH, LIVE BIRTH, AND FETAL, INFANT, AND MATERNAL MORTALITY BY YEAR*
MONTANA, 1910-2000

YEAR	ESTIMATED MIDYEAR POPULATION	DEATHS		LIVE BIRTHS		FETAL DEATHS		INFANT DEATHS		MATERNAL DEATHS	
		NUMBER	RATE+	NUMBER	RATE+	NUMBER	RATIO**	NUMBER	RATE**	NUMBER	RATE++
1910	376,053	3,999	10.6	6,124	16.3	NA	NA	714	116.6	62	1,012 4
1915	468,067	5,072	10.8	11,132	23.8	NA	NA	816	73.3	91	817.5
1920	548,339	5,289	9.6	11,862	21.6	NA	NA	862	72.7	104	876.7
1925	542,834	5,188	9.6	10,302	19.0	343	33.3	726	70.5	83	805.7
1930	537,606	5,435	10.1	10,004	18.6	286	28.6	569	56.9	67	669.7
1935	549,077	6,291	11.5	10,029	18.3	232	23.1	602	60.0	52	518.5
1940	559,456	5,722	10.2	11,468	20.5	216	18.8	527	46.0	39	340.1
1945	504,600	5,414	10.7	10,601	21.0	184	17.4	363	34.2	17	160.4
1946	521,900	5,595	10.7	12,858	24 6	224	17.4	448	34 8	18	140.0
1947	539,200	5,760	10.7	15,086	28.0	238	15 8	484	32.1	16	106.1
1948	556,500	5,884	10.6	15,035	27 0	236	15.7	461	30.7	14	93.1
1949	573,800	5,878	10.2	15,366	26.8	231	15.0	457	29.7	14	91.1
1950	591,024	5,817	9 8	15,592	26.4	233	14 9	441	28.3	20	128.3
1951	596,000	5,964	10.0	15,929	26.7	248	15.6	425	26.7	10	62.8
1952	602,000	5,974	9 9	16,479	27.4	253	15 4	448	27.2	8	48.5
1953	616,000	6,125	9.9	16,596	26.9	232	14.0	480	28.9	3	18.1
1954	624,000	6,030	9 7	17,276	27.7	247	14.3	398	23.0	5	28.9
1955	636,000	6,115	9.6	17,454	27.4	221	12 7	433	24.8	5	28.6
1956	656,000	6,450	9.8	17,703	27.0	239	13.5	495	28.0	2	11.3
1957	667,000	6,486	9.7	18,219	27.3	224	12.3	462	25.4	5	27 4
1958	666,000	6,265	9.4	17,275	25.9	233	13.5	444	25.7	3	17 4
1959	669,000	6,570	9.8	17,646	26.4	223	12.6	431	24.4	3	17.0
1960	674,767	6,525	9.7	17,448	25.9	190	10.9	435	24.9	5	28.7
1961	682,000	6,338	9.3	17,368	25 5	194	11 2	441	25.4	2	11.5
1962	709,000	6,418	9.1	16,818	23 7	210	12 5	436	25.9	7	41.6
1963	707,000	6,609	9.3	15,934	22.5	194	12.2	383	24 0	2	12.6
1964	705,000	6,851	9.7	15,094	21.4	200	13 3	403	26.7	7	46.4
1965	706,000	6,578	9.3	13,641	19.3	177	13.0	338	24 8	2	14.7
1966	702,000	6,864	9.8	12,623	18 0	140	11.1	286	22.7	3	23.8
1967	701,000	6,549	9.3	12,087	17.2	141	11.7	290	24.0	3	24.8
1968	693,000	6,534	9 4	11,992	17.3	146	12.2	233	19 4	1	8.3
1969	694,000	6,694	9.6	11,762	16 9	132	11.2	246	20.9	1	8.5
1970	694,409	6,597	9.5	12,622	18 2	140	11.1	272	21.5	3	23.8
1971	710,000	6,860	9 7	12,347	17 4	127	10.3	267	21.6	-	-
1972	719,000	6,896	9 6	11,444	15.9	129	11.3	225	19.7	4	35.0
1973	721,000	6,870	9.5	11,392	15 8	105	9 2	222	19.5	-	-
1974	735,000	6,552	8.9	12,273	16.7	125	10.2	202	16.5	1	8.1
1975	748,000	6,539	8.7	12,070	16 1	112	9.3	187	15.5	3	24.9
1976	753,000	6,733	8 9	12,605	16.7	104	8.3	209	16.6	-	-
1977	761,000	6,397	8.4	13,304	17.5	119	8.9	183	13.8	1	7.5
1978	785,000	6,484	8.3	13,545	17.3	110	8.1	155	11.4	3	22.1
1979	786,000	6,471	8 2	14,057	17.9	116	8.3	151	10.7	4	28.5
1980	786,690	6,664	8 5	14,208	18.1	104	7.3	176	12 4	2	14.1
1981	793,000	6,709	8 5	14,309	18 0	85	5.9	153	10.7	-	-
1982	801,000	6,625	8.3	14,538	18.1	93	6.4	147	10.1	1	6.9
1983	817,000	6,699	8 2	14,054	17.2	91	6.5	126	9.0	4	28.5
1984	824,000	6,698	8.1	14,141	17.2	110	7.8	125	8.8	1	7.1
1985	826,000	6,725	8 1	13,497	16.3	96	7.1	139	10.3	-	-
1986	819,000	6,738	8.2	12,728	15.5	95	7 5	122	9.6	2	15.7
1987	809,000	6,597	8.2	12,239	15.1	96	7 8	121	9.9	-	-
1988	805,000	6,759	8 4	11,682	14.5	92	7.9	100	8.6	1	8.6
1989	805,600	6,735	8 4	11,667	14.5	86	7.4	133	11.4	-	-
1990	799,065	6,835	8.6	11,602	14.5	78	6.7	106	9.1	-	-
1991	808,000	6,995	8.7	11,498	14.2	90	7.8	82	7.1	1	8.7
1992	823,700	7,067	8.6	11,468	13.9	84	7.3	85	7.4	-	-
1993	839,000	7,457	8.9	11,362	13.5	74	6 5	84	7.4	-	-
1994	856,240	7,331	8.6	11,062	12.9	52	4.7	82	7.4	-	-
1995	868,522	7,614	8.8	11,136	12 8	67	6.0	79	7.1	-	-
1996	879,370	7,686	8.7	10,840	12.3	58	5 4	75	6.9	1	9.2
1997	878,810	7,730	8.8	10,840	12.3	49	4 5	73	6.7	-	-
1998	879,533	7,960	9.1	10,791	12.3	76	7.0	82	7.6	1	9.3
1999	882,779	8,082	9 2	10,779	12.2	62	5.8	71	6.6	-	-
2000	902,195	8,071	8 9	10,946	12.1	55	5.0	63	5.8	2	18.3

* DATA FOR 1910-1945 ARE BY PLACE OF OCCURRENCE. BEGINNING IN 1946, DATA ARE BY PLACE OF RESIDENCE.
\+ PER 1,000 ESTIMATED MIDYEAR POPULATION. U. S. CENSUS ENUMERATION'S ARE USED FOR YEARS ENDING IN ZERO.
** PER 1,000 LIVE BIRTHS.
++ PER 100,000 LIVE BIRTHS.

TABLE 2

STATE POPULATION BY COUNTY
MONTANA, 2000, 1990 AND 1980

COUNTY	2000 U.S. CENSUS ENUMERATION	1990 U.S. CENSUS ENUMERATION	1980 U.S. CENSUS ENUMERATION
MONTANA, TOTAL	902,195	799,065	786,690
BEAVERHEAD	9,202	8,424	8,186
BIG HORN	12,671	11,337	11,096
BLAINE	7,009	6,728	6,999
BROADWATER	4,385	3,318	3,267
CARBON	9,552	8,080	8,099
CARTER	1,360	1,503	1,799
CASCADE	80,357	77,691	80,696
CHOUTEAU	5,970	5,452	6,092
CUSTER	11,696	11,697	13,109
DANIELS	2,017	2,266	2,835
DAWSON	9,059	9,505	11,805
DEER LODGE	9,417	10,278	12,518
FALLON	2,837	3,103	3,763
FERGUS	11,893	12,083	13,076
FLATHEAD	74,471	59,218	51,966
GALLATIN	67,831	50,463	42,865
GARFIELD	1,279	1,589	1,656
GLACIER	13,247	12,121	10,628
GOLDEN VALLEY	1,042	912	1,026
GRANITE	2,830	2,548	2,700
HILL	16,673	17,654	17,985
JEFFERSON	10,049	7,939	7,029
JUDITH BASIN	2,329	2,282	2,646
LAKE	26,507	21,041	19,056
LEWIS & CLARK	55,716	47,495	43,039
LIBERTY	2,158	2,295	2,329
LINCOLN	18,837	17,481	17,752
MCCONE	1,977	2,276	2,702
MADISON	6,851	5,989	5,448
MEAGHER	1,932	1,819	2,154
MINERAL	3,884	3,315	3,675
MISSOULA	95,802	78,687	76,016
MUSSELSHELL	4,497	4,106	4,428
PARK	15,694	14,562	12,869
PETROLEUM	493	519	655
PHILLIPS	4,601	5,163	5,367
PONDERA	6,424	6,433	6,731
POWDER RIVER	1,858	2,090	2,520
POWELL	7,180	6,620	6,958
PRAIRIE	1,199	1,383	1,836
RAVALLI	36,070	25,010	22,493
RICHLAND	9,667	10,716	12,243
ROOSEVELT	10,620	10,999	10,467
ROSEBUD	9,383	10,505	9,899
SANDERS	10,227	8,669	8,675
SHERIDAN	4,105	4,732	5,414
SILVER BOW	34,606	33,941	38,092
STILLWATER	8,195	6,536	5,598
SWEET GRASS	3,609	3,154	3,216
TETON	6,445	6,271	6,491
TOOLE	5,267	5,046	5,559
TREASURE	861	874	981
VALLEY	7,675	8,239	10,250
WHEATLAND	2,259	2,246	2,359
WIBAUX	1,068	1,191	1,476
YELLOWSTONE	129,352	113,419	108,035
YELLOWSTONE PARK *	NA	52	66

SOURCE: POPULATION ESTIMATES AND ENUMERATIONS WERE MADE BY THE U.S. CENSUS BUREAU AND PROVIDED BY THE MONTANA CENSUS AND ECONOMIC INFORMATION CENTER.

* THE CENSUS BUREAU NO LONGER PROVIDES AN ESTIMATE OF THE POPULATION OF YELLOWSTONE NATIONAL PARK. THOSE LIVING WITHIN THE BOUNDARIES OF THE PARK ARE NOW REPORTED AS RESIDENTS OF EITHER GALLATIN OR PARK COUNTY, EFFECTIVE AS OF 1997.

TABLE 3

FREQUENCY OF DEATH, LIVE BIRTH, AND FETAL, INFANT, AND MATERNAL DEATH
BY COUNTY OF OCCURRENCE AND COUNTY OF RESIDENCE
MONTANA, 2000

COUNTY	DEATHS		LIVE BIRTHS		FETAL DEATHS		INFANT DEATHS		MATERNAL DEATHS	
	OCC.	RES.	OCC.	RES.	OCC.	RES.	OCC	RES.	OCC.	RES.
MONTANA, TOTAL	8,042	8,071	10,929	10,946	56	55	61	63	2	2
BEAVERHEAD	74	72	93	98	-	-	1	1	-	-
BIG HORN	84	102	245	250	3	2	1	1	-	-
BLAINE	37	65	1	99	-	1	-	-	-	-
BROADWATER	44	49	-	30	-	-	-	-	-	-
CARBON	75	108	32	79	-	-	-	1	-	-
CARTER	10	18	-	7	-	-	-	-	-	-
CASCADE	875	791	1,271	1,011	11	10	13	9	-	-
CHOUTEAU	71	78	2	35	-	-	-	-	-	-
CUSTER	142	135	242	145	4	2	-	-	-	-
DANIELS	18	21	-	14	-	-	-	-	-	-
DAWSON	93	93	67	103	-	1	-	-	-	-
DEER LODGE	100	131	13	82	-	-	-	-	-	-
FALLON	25	24	13	25	-	-	-	-	-	-
FERGUS	165	160	124	117	-	-	2	3	-	-
FLATHEAD	685	652	1,033	962	2	2	1	5	-	-
GALLATIN	322	356	895	835	6	4	5	6	-	-
GARFIELD	7	9	-	15	-	-	-	-	-	-
GLACIER	93	113	243	253	-	-	-	1	-	-
GOLDEN VALLEY	3	9	-	9	-	-	-	-	-	-
GRANITE	18	33	2	19	-	-	-	-	-	-
HILL	143	143	367	264	-	-	1	2	-	-
JEFFERSON	31	64	1	82	-	-	-	-	-	-
JUDITH BASIN	5	16	-	17	-	-	-	-	-	-
LAKE	203	274	239	370	1	2	2	4	1	1
LEWIS & CLARK	484	439	753	690	3	3	2	2	1	1
LIBERTY	24	17	14	22	-	-	-	-	-	-
LINCOLN	154	203	112	188	1	1	-	1	-	-
MCCONE	14	21	-	12	-	-	-	-	-	-
MADISON	58	76	1	54	-	-	-	-	-	-
MEAGHER	16	22	1	23	-	-	1	1	-	-
MINERAL	29	28	-	40	-	-	-	-	-	-
MISSOULA	824	640	1,596	1,154	5	4	15	7	-	-
MUSSELSHELL	41	61	-	39	-	1	-	1	-	-
PARK	151	157	164	174	2	4	-	1	-	-
PETROLEUM	1	2	-	6	-	-	-	-	-	-
PHILLIPS	45	58	3	39	-	-	-	-	-	-
PONDERA	64	86	27	77	-	-	-	1	-	-
POWDER RIVER	28	30	-	18	-	-	-	-	-	-
POWELL	60	62	20	54	-	-	-	-	-	-
PRAIRIE	8	14	1	10	-	1	-	-	-	-
RAVALLI	227	293	216	389	2	3	-	1	-	-
RICHLAND	90	98	121	100	1	1	-	1	-	-
ROOSEVELT	86	106	149	187	2	2	-	-	-	-
ROSEBUD	30	63	1	153	-	2	1	4	-	-
SANDERS	81	110	43	93	-	-	-	2	-	-
SHERIDAN	52	55	21	29	-	-	-	-	-	-
SILVER BOW	455	431	490	395	1	1	-	1	-	-
STILLWATER	66	67	6	86	-	-	1	1	-	-
SWEET GRASS	35	41	1	33	-	2	-	-	-	-
TETON	51	69	1	66	-	-	-	-	-	-
TOOLE	53	55	72	62	1	1	-	-	-	-
TREASURE	5	9	-	4	-	-	-	-	-	-
VALLEY	79	80	101	92	-	-	-	-	-	-
WHEATLAND	27	29	-	26	-	-	-	-	-	-
WIBAUX	8	13	-	10	-	-	-	-	-	-
YELLOWSTONE	1,372	1,119	2,132	1,699	11	5	15	6	-	-
YELLOWSTONE PARK	1	-	-	-	-	-	-	-	-	-
NOT STATED	-	1	-	1	-	-	-	-	-	-

TABLE 4

FREQUENCY OF DEATH, LIVE BIRTH, AND FETAL DEATH BY RACE* AND COUNTY OF RESIDENCE
MONTANA, 2000

COUNTY	DEATHS				LIVE BIRTHS				FETAL DEATHS			
	TOTAL	WHITE	NATIVE AMERICAN	OTHER	TOTAL	WHITE	NATIVE AMERICAN	OTHER	TOTAL	WHITE	NATIVE AMERICAN	OTHER
MONTANA, TOTAL	8,071	7,668	366	37	10,946	9,438	1,326	182	55	47	6	2
BEAVERHEAD	72	72	-	-	98	97	1	-	-	-	-	-
BIG HORN	102	53	49	-	250	56	191	3	2	-	2	-
BLAINE	65	39	26	-	99	39	60	-	1	1	-	-
BROADWATER	49	49	-	-	30	30	-	-	-	-	-	-
CARBON	108	105	2	1	79	78	1	-	-	-	-	-
CARTER	18	18	-	-	7	7	-	-	-	-	-	-
CASCADE	791	758	27	6	1,011	883	78	50	10	10	-	-
CHOUTEAU	78	77	1	-	35	34	1	-	-	-	-	-
CUSTER	135	134	1	-	145	139	6	-	2	2	-	-
DANIELS	21	21	-	-	14	13	-	1	-	-	-	-
DAWSON	93	93	-	-	103	103	-	-	1	1	-	-
DEER LODGE	131	130	1	-	82	80	2	-	-	-	-	-
FALLON	24	24	-	-	25	24	1	-	-	-	-	-
FERGUS	160	159	1	-	117	116	1	-	-	-	-	-
FLATHEAD	652	640	9	3	962	928	21	13	2	2	-	-
GALLATIN	356	353	1	2	835	811	12	12	4	4	-	-
GARFIELD	9	9	-	-	15	15	-	-	-	-	-	-
GLACIER	113	53	60	-	253	46	206	1	-	-	-	-
GOLDEN VALLEY	9	9	-	-	9	9	-	-	-	-	-	-
GRANITE	33	33	-	-	19	18	1	-	-	-	-	-
HILL	143	125	18	-	264	167	95	2	-	-	-	-
JEFFERSON	64	63	1	-	82	79	2	1	-	-	-	-
JUDITH BASIN	16	16	-	-	17	17	-	-	-	-	-	-
LAKE	274	223	49	2	370	212	150	8	2	2	-	-
LEWIS & CLARK	439	432	4	3	690	657	22	11	3	3	-	-
LIBERTY	17	17	-	-	22	22	-	-	-	-	-	-
LINCOLN	203	203	-	-	188	178	4	6	1	1	-	-
MCCONE	21	21	-	-	12	12	-	-	-	-	-	-
MADISON	76	76	-	-	54	53	1	-	-	-	-	-
MEAGHER	22	22	-	-	23	22	-	1	-	-	-	-
MINERAL	28	27	1	-	40	37	2	1	-	-	-	-
MISSOULA	640	625	10	5	1,154	1,088	42	24	4	3	-	1
MUSSELSHELL	61	61	-	-	39	36	1	2	1	1	-	-
PARK	157	157	-	-	174	171	3	-	4	3	-	1
PETROLEUM	2	2	-	-	6	5	1	-	-	-	-	-
PHILLIPS	58	56	2	-	39	36	2	1	-	-	-	-
PONDERA	86	79	7	-	77	58	19	-	-	-	-	-
POWDER RIVER	30	30	-	-	18	17	1	-	-	-	-	-
POWELL	62	61	1	-	54	54	-	-	-	-	-	-
PRAIRIE	14	14	-	-	10	10	-	-	1	1	-	-
RAVALLI	293	291	1	1	389	381	4	4	3	3	-	-
RICHLAND	98	97	1	-	100	96	3	1	1	1	-	-
ROOSEVELT	106	71	34	1	187	47	139	1	2	-	2	-
ROSEBUD	63	45	18	-	153	62	87	4	2	-	2	-
SANDERS	110	104	6	-	93	79	11	3	-	-	-	-
SHERIDAN	55	55	-	-	29	28	1	-	-	-	-	-
SILVER BOW	431	422	7	2	395	378	15	2	1	1	-	-
STILLWATER	67	67	-	-	86	85	-	1	-	-	-	-
SWEET GRASS	41	41	-	-	33	33	-	-	2	2	-	-
TETON	69	68	1	-	66	65	1	-	-	-	-	-
TOOLE	55	55	-	-	62	58	4	-	1	1	-	-
TREASURE	9	9	-	-	4	4	-	-	-	-	-	-
VALLEY	80	75	5	-	92	75	16	1	-	-	-	-
WHEATLAND	29	29	-	-	26	26	-	-	-	-	-	-
WIBAUX	13	13	-	-	10	9	-	1	-	-	-	-
YELLOWSTONE	1,119	1,087	22	10	1,699	1,554	118	27	5	5	-	-
YELLOWSTONE PARK	-	-	-	-	-	-	-	-	-	-	-	-
NOT STATED	1	-	-	1	1	1	-	-	-	-	-	-

* ANY RACIAL CATEGORY MAY INCLUDE "HISPANIC"; "OTHER" ALSO INCLUDES RACE NOT STATED. LIVE BIRTHS AND FETAL DEATHS ARE SHOWN BY RACE OF THE MOTHER.

TABLE 5

FREQUENCY AND PERCENT DISTRIBUTION OF BIRTHS BY INFANT'S SEX,
LEGITIMACY, PLURALITY, AND PARITY
MONTANA RESIDENTS, 1996 - 2000

ITEM	2000		1999		1998		1997		1996	
	NUMBER	PERCENT*	NUMBER	PERCENT*	NUMBER	PERCENT*	NUMBER	PERCENT*	NUMBER	PERCENT*
MONTANA TOTAL	10,946	100.0	10,779	0.0	10,791	100.0	10,840	100.0	10,840	100.0
SEX										
MALE	5,576	50.9	5,592	51.9	5,526	51.2	5,583	51.5	5,554	51.2
FEMALE	5,370	49.1	5,187	48.1	5,265	48.8	5,257	48.5	5,286	48.8
UNKNOWN	-	-	-	-	-	-	-	-	-	-
LEGITIMACY										
IN WEDLOCK	7,563	69.1	7,546	70	7,549	70	7,735	71.4	7,809	72.0
OUT OF WEDLOCK	3,374	30.8	3,224	29.9	3,230	29.9	3,099	28.6	3,024	27.9
NOT STATED	9	0.1	9	0.1	12	0.1	6	0.1	7	0.1
MULTIPLE BIRTHS										
SINGLE	10,639	97.2	10,490	97.3	10,502	97.3	10,546	97.3	10,564	97.5
TWINS	294	2.7	271	2.5	272	2.5	287	2.6	248	2.3
TRIPLETS OR MORE	13	0.1	15	0.1	16	0.1	3	0	13	0.1
NOT STATED	-	-	3	0	1	0	4	0	15	0.1
PARITY										
FIRST BIRTH	4,262	38.9	4,216	39.1	4,217	39.1	4,260	39.3	4,342	40.1
SECOND BIRTH	3,515	32.1	3,524	32.7	3,454	32	3,516	32.4	3,431	31.7
THIRD BIRTH	1,875	17.1	1,818	16.9	1,817	16.8	1,776	16.4	1,795	16.6
FOURTH BIRTH	766	7.0	705	6.5	773	7.2	714	6.6	735	6.8
FIFTH BIRTH	296	2.7	276	2.6	297	2.8	290	2.7	289	2.7
SIXTH BIRTH	133	1.2	117	1.1	112	1	128	1.2	127	1.2
SEVENTH BIRTH	45	0.4	59	0.5	61	0.6	60	0.6	60	0.6
EIGHTH BIRTH	20	0.2	27	0.3	22	0.2	29	0.3	26	0.2
NINTH OR MORE	29	0.3	32	0.3	34	0.3	47	0.4	24	0.2
NOT STATED	5	-	5	0	4	0	20	0.2	11	0.1

* EACH PERCENTAGE HAS BEEN INDEPENDENTLY ROUNDED TO THE NEAREST TENTH OF ONE PERCENT. HENCE, THE SUMS OF PARTS MAY DIFFER SLIGHTLY FROM THE TOTALS.

TABLE 6

FREQUENCY AND PERCENT DISTRIBUTION OF LIVE BIRTHS BY TYPE OF FACILITY OR ATTENDANT
AND BY COUNTY OF OCCURRENCE
MONTANA, 2000

COUNTY	TOTAL	BOA* AND IN HOSPITAL		PHYSICIAN NOT IN HOSPITAL		OTHER NOT IN HOSPITAL	
		NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
MONTANA, TOTAL	10,929	10,638	97.3%	1	0.0%	290	2.7%
BEAVERHEAD	93	88	94.6%	-	-	5	5.4%
BIG HORN	245	244	99.6%	-	-	1	0.4%
BLAINE	1	1	100.0%	-	-	-	-
BROADWATER	-	-	-	-	-	-	-
CARBON	32	31	96.9%	-	-	1	3.1%
CARTER	-	-	-	-	-	-	-
CASCADE	1,271	1,251	98.4%	-	-	20	1.6%
CHOUTEAU	2	-	-	-	-	2	100.0%
CUSTER	242	239	98.8%	1	0.4%	2	0.8%
DANIELS	-	-	-	-	-	-	-
DAWSON	67	67	100.0%	-	-	-	-
DEER LODGE	13	13	100.0%	-	-	-	-
FALLON	13	13	100.0%	-	-	-	-
FERGUS	124	124	100.0%	-	-	-	-
FLATHEAD	1,033	1,002	97.0%	-	-	31	3.0%
GALLATIN	895	843	94.2%	-	-	52	5.8%
GARFIELD	-	-	-	-	-	-	-
GLACIER	243	242	99.6%	-	-	1	0.4%
GOLDEN VALLEY	-	-	-	-	-	-	-
GRANITE	2	-	-	-	-	2	100.0%
HILL	367	365	99.5%	-	-	2	0.5%
JEFFERSON	1	-	-	-	-	1	100.0%
JUDITH BASIN	-	-	-	-	-	-	-
LAKE	239	233	97.5%	-	-	6	2.5%
LEWIS & CLARK	753	744	98.8%	-	-	9	1.2%
LIBERTY	14	14	100.0%	-	-	-	-
LINCOLN	112	103	92.0%	-	-	9	8.0%
MCCONE	-	-	-	-	-	-	-
MADISON	1	1	-	-	-	-	-
MEAGHER	1	-	-	-	-	1	100.0%
MINERAL	-	-	-	-	-	-	-
MISSOULA	1,596	1,564	98.0%	-	-	32	2.0%
MUSSELSHELL	-	-	-	-	-	-	-
PARK	164	124	75.6%	-	-	40	24.4%
PETROLEUM	-	-	-	-	-	-	-
PHILLIPS	3	2	66.7%	-	-	1	33.3%
PONDERA	27	27	100.0%	-	-	-	-
POWDER RIVER	-	-	-	-	-	-	-
POWELL	20	20	100.0%	-	-	-	-
PRAIRIE	1	1	100.0%	-	-	-	-
RAVALLI	216	179	82.9%	-	-	37	17.1%
RICHLAND	121	120	99.2%	-	-	1	0.8%
ROOSEVELT	149	149	100.0%	-	-	-	-
ROSEBUD	1	1	-	-	-	-	-
SANDERS	43	40	93.0%	-	-	3	7.0%
SHERIDAN	21	21	100.0%	-	-	-	-
SILVER BOW	490	486	99.2%	-	-	4	0.8%
STILLWATER	6	3	50.0%	-	-	3	50.0%
SWEET GRASS	1	-	-	-	-	1	100.0%
TETON	1	-	-	-	-	1	100.0%
TOOLE	72	71	98.6%	-	-	1	1.4%
TREASURE	-	-	-	-	-	-	-
VALLEY	101	101	100.0%	-	-	-	-
WHEATLAND	-	-	-	-	-	-	-
WIBAUX	-	-	-	-	-	-	-
YELLOWSTONE	2,132	2,111	99.0%	-	-	21	1.0%
YELLOWSTONE PARK	-	-	-	-	-	-	-
NOT STATED	-	-	-	-	-	-	-

* BORN ON ARRIVAL

TABLE 7

FREQUENCY AND PERCENT DISTRIBUTION OF LIVE BIRTHS BY BIRTHWEIGHT
AND BY COUNTY OF RESIDENCE
MONTANA, 2000

COUNTY	TOTAL	LESS THAN 1,000 GRAMS		1,000 - 1,499 GRAMS		1,500 - 2,499 GRAMS		2,500 - 3,999 GRAMS		4,000 GRAMS OR MORE		NOT STATED	
	NUMBER	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
MONTANA, TOTAL	10,946	57	0.5	54	0.5	567	5.2	9,167	83.7	1,091	10.0	10	0.1
BEAVERHEAD	98	-	-	-	-	8	8.2	84	85.7	6	6.1	-	-
BIG HORN	250	-	-	1	0.4	16	6.4	206	82.4	27	10.8	-	-
BLAINE	99	1	1.0	-	-	6	6.1	76	76.8	16	16.2	-	-
BROADWATER	30	-	-	-	-	2	6.7	25	83.3	3	10.0	-	-
CARBON	79	-	-	-	-	1	1.3	74	93.7	4	5.1	-	-
CARTER	7	-	-	-	-	-	-	7	100.0	-	-	-	-
CASCADE	1,011	4	0.4	4	0.4	49	4.8	853	84.4	98	9.7	3	0.3
CHOUTEAU	35	-	-	-	-	1	2.9	27	77.1	7	20.0	-	-
CUSTER	145	1	0.7	2	1.4	8	5.5	118	81.4	16	11.0	-	-
DANIELS	14	-	-	-	-	1	7.1	10	71.4	3	21.4	-	-
DAWSON	103	1	1.0	1	1.0	7	6.8	88	85.4	6	5.8	-	-
DEER LODGE	82	3	3.7	-	-	5	6.1	66	80.5	8	9.8	-	-
FALLON	25	1	4.0	-	-	3	12.0	19	76.0	2	8.0	-	-
FERGUS	117	-	-	3	2.6	8	6.8	97	82.9	9	7.7	-	-
FLATHEAD	962	4	0.4	4	0.4	49	5.1	787	81.8	118	12.3	-	-
GALLATIN	835	1	0.1	2	0.2	33	4.0	722	86.5	77	9.2	-	-
GARFIELD	15	-	-	-	-	1	6.7	13	86.7	1	6.7	-	-
GLACIER	253	3	1.2	-	-	12	4.7	200	79.1	38	15.0	-	-
GOLDEN VALLEY	9	-	-	-	-	1	11.1	8	88.9	-	-	-	-
GRANITE	19	-	-	1	5.3	-	-	18	94.7	-	-	-	-
HILL	264	-	-	2	0.8	15	5.7	221	83.7	26	9.8	-	-
JEFFERSON	82	-	-	-	-	3	3.7	70	85.4	9	11.0	-	-
JUDITH BASIN	17	-	-	-	-	-	-	15	88.2	2	11.8	-	-
LAKE	370	3	0.8	-	-	16	4.3	317	85.7	34	9.2	-	-
LEWIS & CLARK	690	3	0.4	8	1.2	44	6.4	572	82.9	62	9.0	1	0.1
LIBERTY	22	-	-	-	-	3	13.6	17	77.3	2	9.1	-	-
LINCOLN	188	-	-	1	0.5	7	3.7	161	85.6	19	10.1	-	-
MCCONE	12	-	-	-	-	-	-	9	75.0	3	25.0	-	-
MADISON	54	-	-	-	-	1	1.9	47	87.0	6	11.1	-	-
MEAGHER	23	-	-	-	-	2	8.7	18	78.3	3	13.0	-	-
MINERAL	40	-	-	-	-	4	10.0	36	90.0	-	-	-	-
MISSOULA	1,154	11	1.0	8	0.7	62	5.4	954	82.7	117	10.1	2	0.2
MUSSELSHELL	39	2	5.1	-	-	-	-	33	84.6	4	10.3	-	-
PARK	174	1	0.6	-	-	9	5.2	143	82.2	21	12.1	-	-
PETROLEUM	6	-	-	-	-	-	-	6	100.0	-	-	-	-
PHILLIPS	39	-	-	-	-	3	7.7	33	84.6	3	7.7	-	-
PONDERA	77	-	-	-	-	3	3.9	61	79.2	12	15.6	1	1.3
POWDER RIVER	18	1	5.6	-	-	1	5.6	13	72.2	2	11.1	1	5.6
POWELL	54	1	1.9	1	1.9	4	7.4	43	79.6	5	9.3	-	-
PRAIRIE	10	-	-	-	-	-	-	8	80.0	2	20.0	-	-
RAVALLI	389	1	0.3	3	0.8	17	4.4	328	84.3	39	10.0	1	0.3
RICHLAND	100	1	1.0	-	-	5	5.0	82	82.0	12	12.0	-	-
ROOSEVELT	187	1	0.5	1	0.5	7	3.7	146	78.1	32	17.1	-	-
ROSEBUD	153	1	0.7	1	0.7	6	3.9	131	85.6	13	8.5	1	0.7
SANDERS	93	-	-	1	1.1	3	3.2	77	82.8	12	12.9	-	-
SHERIDAN	29	-	-	-	-	-	-	24	82.8	5	17.2	-	-
SILVER BOW	395	2	0.5	3	0.8	22	5.6	343	86.8	25	6.3	-	-
STILLWATER	86	1	1.2	-	-	6	7.0	75	87.2	4	4.7	-	-
SWEET GRASS	33	-	-	-	-	2	6.1	28	84.8	3	9.1	-	-
TETON	66	1	1.5	-	-	3	4.5	56	84.8	6	9.1	-	-
TOOLE	62	-	-	-	-	1	1.6	54	87.1	7	11.3	-	-
TREASURE	4	-	-	-	-	-	-	3	75.0	1	25.0	-	-
VALLEY	92	-	-	1	1.1	3	3.3	73	79.3	15	16.3	-	-
WHEATLAND	26	-	-	-	-	3	11.5	21	80.8	2	7.7	-	-
WIBAUX	10	-	-	-	-	1	10.0	8	80.0	1	10.0	-	-
YELLOWSTONE	1,699	8	0.5	6	0.4	100	5.9	1,443	84.9	142	8.4	-	-
YELLOWSTONE PARK	1	-	-	-	-	-	-	-	-	1	100.0	-	-
NOT STATED	1	-	-	-	-	-	-	-	-	1	100.0	-	-

TABLE 8

FREQUENCY AND PERCENT DISTRIBUTION OF LIVE BIRTHS TO MONTANA RESIDENTS
DELIVERING IN MONTANA BY NUMBER OF CHILDREN BORN ALIVE
AND BY YEARS OF EDUCATION OF MOTHER
MONTANA, 2000

EDUCATION OF MOTHER IN YEARS	NUMBER OF LIVE-BORN CHILDREN											
	TOTAL	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT	NINE	TEN OR MORE	NOT STATED
TOTAL												
NUMBER	10,810	4,207	3,472	1,855	755	291	132	44	20	14	15	5
PERCENT	100	38.9	32.1	17.2	7.0	2.7	1.2	0.4	0.2	0.1	0.1	-
NONE												
NUMBER	2	-	-	1	-	-	1	-	-	-	-	-
PERCENT	100	-	-	50.0	-	-	50.0	-	-	-	-	-
LESS THAN 8 YEARS												
NUMBER	42	14	12	8	3	3	1	-	-	-	1	-
PERCENT	100	33.3	28.6	19.0	7.1	7.1	2.4	-	-	-	2.4	-
8 YEARS												
NUMBER	198	69	37	38	19	16	11	4	-	2	1	1
PERCENT	100	34.8	18.7	19.2	9.6	8.1	5.6	2.0	-	1.0	0.5	0.5
9 YEARS												
NUMBER	308	153	74	40	21	10	3	4	-	-	3	-
PERCENT	100	49.7	24.0	13.0	6.8	3.2	1.0	1.3	-	-	1.0	-
10 YEARS												
NUMBER	451	215	105	68	37	16	7	1	1	-	-	1
PERCENT	100	47.7	23.3	15.1	8.2	3.5	1.6	0.2	0.2	-	-	0.2
11 YEARS												
NUMBER	595	272	161	94	41	11	10	1	3	1	1	-
PERCENT	100	45.7	27.1	15.8	6.9	1.8	1.7	0.2	0.5	0.2	0.2	-
12 YEARS												
NUMBER	3,631	1,338	1,129	667	306	105	49	17	10	5	4	1
PERCENT	100	36.8	31.1	18.4	8.4	2.9	1.3	0.5	0.3	0.1	0.1	-
1 YR COLLEGE												
NUMBER	1,112	380	380	197	98	33	13	4	4	1	2	-
PERCENT	100	34.2	34.2	17.7	8.8	3.0	1.2	0.4	0.4	0.1	0.2	-
2 YRS COLLEGE												
NUMBER	1,231	426	422	236	88	33	19	4	-	2	1	-
PERCENT	100	34.6	34.3	19.2	7.1	2.7	1.5	0.3	-	0.2	0.1	-
3 YRS COLLEGE												
NUMBER	535	226	181	76	22	18	8	1	1	1	1	-
PERCENT	100	42.2	33.8	14.2	4.1	3.4	1.5	0.2	0.2	0.2	0.2	-
4 YRS COLLEGE												
NUMBER	1,671	663	613	278	74	29	6	6	1	1	-	-
PERCENT	100	39.7	36.7	16.6	4.4	1.7	0.4	0.4	0.1	0.1	-	-
POST GRADUATE												
NUMBER	1,010	439	353	150	44	17	4	2	-	1	-	-
PERCENT	100	43.5	35.0	14.9	4.4	1.7	0.4	0.2	-	0.1	-	-
NOT STATED												
NUMBER	24	12	5	2	2	-	-	-	-	-	1	2
PERCENT	100	50.0	20.8	8.3	8.3	-	-	-	-	-	4.2	8.3

TABLE 6

FREQUENCY OF DEATH BY SEX, AGE, AND UP TO 358 SELECTED UNDERLYING CAUSES
MONTANA RESIDENTS, 2000

CAUSE OF DEATH*	ALL AGES			LESS THAN 1 YR		1 YEAR OLD		2 - 4 YEARS		5 - 9 YEARS		10 - 14 YEARS	
	BOTH	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
ALL CAUSES	8,071	4,185	3,886	34	29	2	5	6	5	8	7	18	5
CERTAIN INFECTIOUS AND PARASITIC DISEASES	111	67	44	1	-	-	1	-	1	-	-	-	-
INTESTINAL INFECTIOUS DISEASES	4	3	1	-	-	-	-	-	-	-	-	-	-
OTHER INTESTINAL INFECTIOUS DISEASES	4	3	1	-	-	-	-	-	-	-	-	-	-
(7) INTESTINAL INFECTIONS DUE TO OTHER SPECIFIED ORGANISMS	4	3	1	-	-	-	-	-	-	-	-	-	-
TUBERCULOSIS	4	3	1	-	-	-	-	-	-	-	-	-	-
(9) RESPIRATORY	3	2	1	-	-	-	-	-	-	-	-	-	-
(10) OTHER TUBERCULOSIS	1	1	-	-	-	-	-	-	-	-	-	-	-
ZOONDTIC AND OTHER BACTERIAL DISEASES	73	40	33	1	-	-	-	-	1	-	-	-	-
(18) SEPTICEMIA	71	40	31	1	-	-	-	-	1	-	-	-	-
(19) OTHER ZOONOTIC AND BACTERIAL DISEASES	2	-	2	-	-	-	-	-	-	-	-	-	-
VIRAL DISEASES	24	17	7	-	-	-	1	-	-	-	-	-	-
(34) ZOSTER (HERPES ZOSTER)	3	1	2	-	-	-	-	-	-	-	-	-	-
(38) VIRAL HEPATITIS	11	7	4	-	-	-	-	-	-	-	-	-	-
HUMAN IMMUNODEFICIENCY VIRUS (HIV) DISEASE	8	8	-	-	-	-	-	-	-	-	-	-	-
(39) RESULTING IN INFECTIOUS AND PARASITIC DISEASE	4	4	-	-	-	-	-	-	-	-	-	-	-
(42) RESULTING IN OTHER CONDITIONS	2	2	-	-	-	-	-	-	-	-	-	-	-
(43) UNSPECIFIED HUMAN IMMUNODEFICIENCY VIRUS (HIV) DISEASE	2	2	-	-	-	-	-	-	-	-	-	-	-
(44) ALL OTHER AND UNSPECIFIED VIRAL DISEASES	2	1	1	-	-	-	1	-	-	-	-	-	-
OTHER AND UNSPECIFIED INFECTIONS AND PARASITIC DISEASES AND THEIR SEQUELAE	6	4	2	-	-	-	-	-	-	-	-	-	-
(54) SEQUELAE OF POLIOMYELITIS	1	-	1	-	-	-	-	-	-	-	-	-	-
(55) ALL OTHER AND UNSPECIFIED INFECTIONS AND PARASITIC DISEASES AND THEIR SEQUELAE	5	4	1	-	-	-	-	-	-	-	-	-	-
NEOPLASMS	1,915	1,040	875	-	-	-	-	1	-	1	1	1	-
MALIGNANT NEOPLASMS	1,861	1,008	853	-	-	-	-	1	-	1	1	1	-
MALIGNANT NEOPLASMS OF LIP, ORAL CAVITY AND PHARYNX	25	18	9	-	-	-	-	-	-	-	-	-	-
(56) OF LIP	1	1	-	-	-	-	-	-	-	-	-	-	-
(57) OF TONGUE	8	4	4	-	-	-	-	-	-	-	-	-	-
(58) OF PHARYNX	9	7	2	-	-	-	-	-	-	-	-	-	-
(59) OF OTHER AND UNSPECIFIED SITES WITHIN THE LIP, ORAL CAVITY AND PHARYNX	7	4	3	-	-	-	-	-	-	-	-	-	-
MALIGNANT NEOPLASMS OF DIGESTIVE ORGANS	431	251	180	-	-	-	-	-	-	-	-	-	-
(60) OF ESOPHAGUS	48	44	4	-	-	-	-	-	-	-	-	-	-
(61) OF STOMACH	30	15	15	-	-	-	-	-	-	-	-	-	-
(62) OF SMALL INTESTINE	3	2	1	-	-	-	-	-	-	-	-	-	-
OF COLON, RECTUM AND ANUS	196	106	90	-	-	-	-	-	-	-	-	-	-
(63) COLON	164	87	77	-	-	-	-	-	-	-	-	-	-
(64) RECTOSIGMOID JUNCTION AND RECTUM	33	21	12	-	-	-	-	-	-	-	-	-	-
(65) ANUS AND ANAL CANAL	1	-	1	-	-	-	-	-	-	-	-	-	-
OF LIVER AND INTRAHEPATIC BILE DUCTS	36	21	15	-	-	-	-	-	-	-	-	-	-
(66) LIVER	20	12	8	-	-	-	-	-	-	-	-	-	-
(67) INTRAHEPATIC BILE DUCT CARCINOMA	16	9	7	-	-	-	-	-	-	-	-	-	-
(68) OF GALLBLADDER AND EXTRAHEPATIC BILE DUCTS	13	2	11	-	-	-	-	-	-	-	-	-	-
(69) OF PANCREAS	100	57	43	-	-	-	-	-	-	-	-	-	-
(70) OF OTHER AND ILL-DEFINED DIGESTIVE ORGANS	3	2	1	-	-	-	-	-	-	-	-	-	-
MALIGNANT NEOPLASMS OF RESPIRATORY AND INTRATHORACIC ORGANS	498	291	207	-	-	-	-	-	-	-	-	-	-
(71) OF NASAL CAVITY, MIDDLE EAR AND ACCESSORY SINUSES	2	1	1	-	-	-	-	-	-	-	-	-	-
(72) OF LARYNX	11	9	2	-	-	-	-	-	-	-	-	-	-
(73) OF TRACHEA, BRONCHUS AND LUNG	483	279	204	-	-	-	-	-	-	-	-	-	-
(74) OF THYMUS, HEART, MEDIASTINUM AND PLEURA	2	2	-	-	-	-	-	-	-	-	-	-	-
(76) MALIGNANT NEOPLASMS OF BONE AND ARTICULAR CARTILAGE	3	2	1	-	-	-	-	-	-	-	-	-	-
MELANOMA AND OTHER MALIGNANT NEOPLASMS OF SKIN	35	29	6	-	-	-	-	-	-	-	-	-	-
(77) MALIGNANT MELANOMA OF SKIN	29	24	5	-	-	-	-	-	-	-	-	-	-
(76) OTHER MALIGNANT NEOPLASMS OF SKIN	6	5	1	-	-	-	-	-	-	-	-	-	-
MALIGNANT NEOPLASMS OF MESOTHELIAL AND SOFT TISSUE	20	12	8	-	-	-	-	-	-	-	-	-	-
(74) MESOTHELIOMA	13	9	4	-	-	-	-	-	-	-	-	-	-
(81) OF OTHER MESOTHELIAL AND SOFT TISSUE	7	3	4	-	-	-	-	-	-	-	-	-	-
(82) MALIGNANT NEOPLASM OF BREAST	132	2	130	-	-	-	-	-	-	-	-	-	-
MALIGNANT NEOPLASMS OF FEMALE GENITAL ORGANS	94	-	94	-	-	-	-	-	-	-	-	-	-
(83) OF VULVA AND VAGINA	2	-	2	-	-	-	-	-	-	-	-	-	-
(84) OF CERVIX UTERI	13	-	13	-	-	-	-	-	-	-	-	-	-
(85) OF CORPUS UTERI AND UTERUS, PART UNSPECIFIED	26	-	26	-	-	-	-	-	-	-	-	-	-

* ICD-10 SELECTED CAUSE-OF-DEATH LIST OF 358 LINE NUMBER ARE IN PARENTHESES. SEE PAGE 10 FOR CODES.

TABLE 9 (CONTINUED)

FREQUENCY OF DEATH BY SEX, AGE, AND UP TO 358 SELECTED UNDERLYING CAUSES
MONTANA RESIDENTS, 2000

CAUSE OF DEATH*	ALL AGES			LESS THAN 1 YR		1 YEAR OLD		2 - 4 YEARS		5 - 9 YEARS		9 - 14 YEARS	
	BOTH	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
(86) OF OVARY	50	-	50	-	-	-	-	-	-	-	-	-	-
(87) OF OTHER AND UNSPECIFIED FEMALE GENITAL ORGANS	3	-	3	-	-	-	-	-	-	-	-	-	-
MALIGNANT NEOPLASMS OF MALE GENITAL ORGANS	115	115	-	-	-	-	-	-	-	-	-	-	-
(89) OF PROSTATE	108	108	-	-	-	-	-	-	-	-	-	-	-
(90) OF TESTIS	4	4	-	-	-	-	-	-	-	-	-	-	-
(91) OF PENIS AND OTHER AND UNSPECIFIED MALE GENITAL ORGANS	3	3	-	-	-	-	-	-	-	-	-	-	-
MALIGNANT NEOPLASMS OF URINARY TRACT	104	70	34	-	-	-	-	-	-	-	-	-	-
(92) OF KIDNEY AND RENAL PELVIS	47	31	16	-	-	-	-	-	-	-	-	-	-
(93) OF BLADDER	54	37	17	-	-	-	-	-	-	-	-	-	-
(94) OF OTHER AND UNSPECIFIED SITES WITHIN THE URINARY TRACT	3	2	1	-	-	-	-	-	-	-	-	-	-
MALIGNANT NEOPLASMS OF MENINGES, BRAIN AND OTHER PARTS OF CENTRAL NERVOUS SYSTEM	52	27	25	-	-	-	-	1	-	1	-	1	-
(96) OF BRAIN	51	27	24	-	-	-	-	1	-	1	-	1	-
(97) OF OTHER PARTS OF CENTRAL NERVOUS SYSTEM	1	-	1	-	-	-	-	-	-	-	-	-	-
(98) MALIGNANT NEOPLASMS OF THYROID AND OTHER ENDOCRINE GLANDS	10	6	4	-	-	-	-	-	-	-	-	-	-
(99) OTHER MALIGNANT NEOPLASMS OF OTHER AND UNSPECIFIED SITES	147	74	73	-	-	-	-	-	-	-	-	-	-
MALIGNANT NEOPLASMS OF LYMPHOID, HEMATOPOIETIC AND RELATED TISSUE	195	113	82	-	-	-	-	-	-	1	-	-	-
(100) HODGKIN'S DISEASE	4	3	1	-	-	-	-	-	-	-	-	-	-
OF OTHER LYMPHOID, HEMATOPOIETIC AND RELATED TISSUE	68	38	30	-	-	-	-	-	-	-	-	-	-
(101) NON-HODGKIN'S LYMPHOMA	57	38	29	-	-	-	-	-	-	-	-	-	-
(102) OF OTHER AND UNSPECIFIED LYMPHOID, HEMATOPOIETIC AND RELATED TISSUE	1	-	1	-	-	-	-	-	-	-	-	-	-
(103) MALIGNANT IMMUNOPROLIFERATIVE DISEASES	1	1	-	-	-	-	-	-	-	-	-	-	-
(104) MULTIPLE MYELOMA AND MALIGNANT PLASMA CELL NEOPLASMS	39	20	19	-	-	-	-	-	-	-	-	-	-
LEUKEMIA	83	51	32	-	-	-	-	-	-	1	-	-	-
(105) LYMPHOID LEUKEMIA	26	18	8	-	-	-	-	-	-	1	-	-	-
(106) MYELOID LEUKEMIA	43	26	17	-	-	-	-	-	-	-	-	-	-
(108) OTHER AND UNSPECIFIED LEUKEMIA	14	7	7	-	-	-	-	-	-	-	-	-	-
BENIGN NEOPLASMS	4	2	2	-	-	-	-	-	-	-	-	-	-
(112) OF EYE, BRAIN AND OTHER PARTS OF CENTRAL NERVOUS SYSTEM	3	1	2	-	-	-	-	-	-	-	-	-	-
(113) OF OTHER AND UNSPECIFIED SITES	1	1	-	-	-	-	-	-	-	-	-	-	-
(114) NEOPLASMS OF UNCERTAIN OR UNKNOWN BEHAVIOR OF SPECIFIED SITES	49	30	19	-	-	-	-	-	-	-	-	-	-
(115) NEOPLASM OF UNCERTAIN OR UNKNOWN BEHAVIOR OF UNSPECIFIED SITES	1	-	1	-	-	-	-	-	-	-	-	-	-
DISEASES OF THE BLOOD AND BLOOD FORMING ORGANS AND CERTAIN DISORDERS INVOLVING THE IMMUNE MECHANISM	35	14	21	-	-	-	-	-	1	-	-	-	-
ANEMIAS	20	5	15	-	-	-	-	-	-	-	-	-	-
(117) HEMOLYTIC ANEMIAS	4	-	4	-	-	-	-	-	-	-	-	-	-
(118) APLASTIC ANEMIAS	5	-	5	-	-	-	-	-	-	-	-	-	-
(119) ACUTE POSTHEMORRHAGIC AND OTHER ANEMIAS	11	5	6	-	-	-	-	-	-	-	-	-	-
(120) COAGULATION DEFECTS, PURPURA AND OTHER HEMORRHAGIC CONDITIONS	10	7	3	-	-	-	-	-	1	-	-	-	-
(121) OTHER DISEASES OF BLOOD AND BLOOD-FORMING ORGANS	5	2	3	-	-	-	-	-	-	-	-	-	-
ENDOCRINE, NUTRITIONAL AND METABOLIC DISEASES	324	141	183	-	2	-	-	-	-	-	-	-	1
ENDOCRINE DISEASES	238	111	127	-	-	-	-	-	-	-	-	-	1
(123) DISORDERS OF THYROID GLAND	8	1	7	-	-	-	-	-	-	-	-	-	-
(124) DIABETES MELLITUS	226	109	117	-	-	-	-	-	-	-	-	-	1
(126) DISORDERS OF ADRENAL GLANDS	4	1	3	-	-	-	-	-	-	-	-	-	-
NUTRITIONAL DISEASES	41	11	30	-	-	-	-	-	-	-	-	-	-
MALNUTRITION	28	6	22	-	-	-	-	-	-	-	-	-	-
(130) OTHER AND UNSPECIFIED MALNUTRITION	28	6	22	-	-	-	-	-	-	-	-	-	-
(131) OTHER NUTRITIONAL DEFICIENCIES	3	1	2	-	-	-	-	-	-	-	-	-	-
(132) OBESITY AND OTHER HYPERALIMENTATION	10	4	6	-	-	-	-	-	-	-	-	-	-
METABOLIC DISORDERS	45	19	26	-	2	-	-	-	-	-	-	-	-
(133) CYSTIC FIBROSIS	2	-	2	-	-	-	-	-	-	-	-	-	-
(134) VOLUME DEPLETION, DISORDERS OF FLUID, ELECTROLYTE AND ACID-BASE BALANCE	20	6	14	-	2	-	-	-	-	-	-	-	-
(135) OTHER METABOLIC DISORDERS	23	13	10	-	-	-	-	-	-	-	-	-	-
MENTAL AND BEHAVIORAL DISORDERS	182	77	105	-	-	-	-	-	-	-	-	-	-
(136) ORGANIC DEMENTIA	132	45	87	-	-	-	-	-	-	-	-	-	-
(137) OTHER AND UNSPECIFIED ORGANIC MENTAL DISORDERS	8	1	7	-	-	-	-	-	-	-	-	-	-
MENTAL AND BEHAVIORAL DISORDERS DUE TO PSYCHOACTIVE SUBSTANCE USE	33	27	6	-	-	-	-	-	-	-	-	-	-
(138) MENTAL AND BEHAVIORAL DISORDERS DUE TO USE OF ALCOHOL	28	23	5	-	-	-	-	-	-	-	-	-	-
(139) MENTAL AND BEHAVIORAL DISORDERS DUE TO OTHER PSYCHOACTIVE SUBSTANCE USE	5	4	1	-	-	-	-	-	-	-	-	-	-
(140) SCHIZOPHRENIA, SCHIZOTYPAL AND DELUSIONAL DISORDERS	2	1	1	-	-	-	-	-	-	-	-	-	-
(141) MOOD (AFFECTIVE) DISORDERS	4	1	3	-	-	-	-	-	-	-	-	-	-

* ICD-10 SELECTED CAUSE-OF-DEATH LIST OF 358 LINE NUMBER ARE IN PARENTHESES. SEE PAGE 10 FOR CODES.

TABLE 9 (CONTINUED)

FREQUENCY OF DEATH BY SEX, AGE, AND UP TO 358 SELECTED UNDERLYING CAUSES
MONTANA RESIDENTS, 2000

CAUSE OF DEATH*	ALL AGES			LESS THAN 1 YR		1 YEAR OLD		2 - 4 YEARS		5 - 9 YEARS		0 - 14 YEARS	
	BOTH	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
(143) MENTAL RETARDATION	1	1	-	-	-	-	-	-	-	-	-	-	-
(144) OTHER AND UNSPECIFIED MENTAL AND BEHAVIORAL DISORDERS	2	1	1	-	-	-	-	-	-	-	-	-	-
DISEASES OF THE NERVOUS SYSTEM	377	140	237	-	-	-	-	1	-	-	-	1	-
(145) MENINGITIS	3	2	1	-	-	-	-	-	-	-	-	-	-
(146) OTHER INFLAMMATORY DISEASES OF CENTRAL NERVOUS SYSTEM	2	1	1	-	-	-	-	-	-	-	-	-	-
(147) PARKINSON'S DISEASE	57	35	22	-	-	-	-	-	-	-	-	-	-
(148) ALZHEIMER'S DISEASE	217	56	161	-	-	-	-	-	-	-	-	-	-
(149) MULTIPLE SCLEROSIS	17	9	8	-	-	-	-	-	-	-	-	-	-
(150) EPILEPSY	5	3	2	-	-	-	-	-	-	-	-	-	-
(151) TRANSIENT CEREBRAL ISCHEMIC ATTACKS AND RELATED SYNDROMES	2	1	1	-	-	-	-	-	-	-	-	-	-
(152) INFANTILE CEREBRAL PALSY	2	1	1	-	-	-	-	-	-	-	-	1	-
(153) ALL OTHER DISEASES OF NERVOUS SYSTEM	72	32	40	-	-	-	-	1	-	-	-	-	-
(155) DISEASES OF THE EAR AND MASTOID PROCESS	1	1	-	-	-	-	-	-	-	-	-	-	-
DISEASES OF THE CIRCULATORY SYSTEM	2,788	1,437	1,351	-	-	-	1	-	-	-	-	-	1
ACUTE RHEUMATIC FEVER AND CHRONIC RHEUMATIC HEART DISEASE	22	9	13	-	-	-	-	-	-	-	-	-	-
CHRONIC RHEUMATIC HEART DISEASES	22	9	13	-	-	-	-	-	-	-	-	-	-
157) RHEUMATIC MITRAL VALVE DISEASE	14	4	10	-	-	-	-	-	-	-	-	-	-
(160) OTHER CHRONIC RHEUMATIC HEART DISEASE	8	5	3	-	-	-	-	-	-	-	-	-	-
HYPERTENSIVE DISEASES	75	34	41	-	-	-	-	-	-	-	-	-	-
(161) ESSENTIAL (PRIMARY) HYPERTENSION	22	8	14	-	-	-	-	-	-	-	-	-	-
(162) HYPERTENSIVE HEART DISEASE	36	20	16	-	-	-	-	-	-	-	-	-	-
(163) HYPERTENSIVE RENAL DISEASE	16	5	11	-	-	-	-	-	-	-	-	-	-
(164) HYPERTENSIVE HEART AND RENAL FAILURE	1	1	-	-	-	-	-	-	-	-	-	-	-
ISCHEMIC HEART DISEASES	1,213	731	482	-	-	-	-	-	-	-	-	-	-
(165) ACUTE MYOCARDIAL INFARCTION	482	287	195	-	-	-	-	-	-	-	-	-	-
(166) OTHER ACUTE ISCHEMIC HEART DISEASES	2	1	1	-	-	-	-	-	-	-	-	-	-
OTHER FORMS OF CHRONIC ISHCEMIC HEART DISEASE	729	443	286	-	-	-	-	-	-	-	-	-	-
(167(ATHEROSCLEROTIC CARDIOVASCULAR DISEASE, SO DESCRIBED	145	89	56	-	-	-	-	-	-	-	-	-	-
(168) ALL OTHER FORMS OF CHRONIC ISCHEMIC HEART DISEASE	584	354	230	-	-	-	-	-	-	-	-	-	-
OTHER HEART DISEASES	713	322	391	-	-	-	1	-	-	-	-	-	-
PULMONARY HEART DISEASE AND DISEASES OF PULMONARY CIRCULATIDN	50	19	31	-	-	-	-	-	-	-	-	-	-
(169) PULMONARY EMBOLISM	34	13	21	-	-	-	-	-	-	-	-	-	-
(170) OTHER PULMONARY HEART DISEASE AND DISEASES OF PULMONARY CIRCULATION	15	6	9	-	-	-	-	-	-	-	-	-	-
OTHER NON-PULMONARY FORMS OF HEART DISEASE	663	303	360	-	-	-	1	-	-	-	-	-	-
(171) ACUTE AND SUBACUTE ENDOCARDITIS	1	-	1	-	-	-	-	-	-	-	-	-	-
(172) DISEASES OF PERICARDIUM AND ACUTE MYOCARDITIS	1	1	-	-	-	-	-	-	-	-	-	-	-
OTHER DISEASES OF ENDOCARDIUM	87	34	53	-	-	-	-	-	-	-	-	-	-
(173) NONRHEUMATIC MITRAL VALVE DISORDERS	10	3	7	-	-	-	-	-	-	-	-	-	-
(174) NONRHEUMATIC AORTIC VALVE DISORDERS	49	20	29	-	-	-	-	-	-	-	-	-	-
(175) ALL OTHER DISEASES OF ENDOCARDIUM	28	11	17	-	-	-	-	-	-	-	-	-	-
(176) CARDIOMYOPATHY	73	41	32	-	-	-	1	-	-	-	-	-	-
(177) CONDUCTION DISORDERS AND CARDIAC DYSRHYTHMIAS	167	75	92	-	-	-	-	-	-	-	-	-	-
HEART FAILURE	294	132	162	-	-	-	-	-	-	-	-	-	-
(178) CONGESTIVE HEART FAILURE	260	113	147	-	-	-	-	-	-	-	-	-	-
(179) OTHER AND UNSPECIFIED HEART FAILURE	34	19	15	-	-	-	-	-	-	-	-	-	-
(180) MYOCARDITIS, UNSPECIFIED AND MYOCARDIAL DEGENERATION	3	-	3	-	-	-	-	-	-	-	-	-	-
(181) ALL OTHER AND ILL-DEFINED FORMS OF HEART DISEASE	37	20	17	-	-	-	-	-	-	-	-	-	-
CEREBROVASCULAR DISEASE	583	245	338	-	-	-	-	-	-	-	-	-	1
(182) SUBARACHNOID HEMORRHAGE	21	4	17	-	-	-	-	-	-	-	-	-	1
(183) INTRACEREBRAL AND OTHER INTRACRANIAL HEMORRHAGE	82	39	43	-	-	-	-	-	-	-	-	-	-
(184) CEREBRAL INFARCTION	29	15	14	-	-	-	-	-	-	-	-	-	-
(185) STROKE, NOT SPECIFIED AS HEMORRHAGE OR INFARCTION	349	145	204	-	-	-	-	-	-	-	-	-	-
(186) OTHER CEREBROVASCULAR DISEASES AND THEIR SEQUELAE	102	42	60	-	-	-	-	-	-	-	-	-	-
DISEASES OF ARTERIES, ARTERIOLES AND CAPILLARIES	173	67	66	-	-	-	-	-	-	-	-	-	-
(187) ATHEROSCLEROSIS	72	28	44	-	-	-	-	-	-	-	-	-	-
(188) AORTIC ANEURYSM AND DISSECTION	57	35	22	-	-	-	-	-	-	-	-	-	-
(189) OTHER DISEASES OF ARTERIES, ARTERIOLES AND CAPILLARIES	44	24	20	-	-	-	-	-	-	-	-	-	-
OTHER DISORDERS OF CIRCULATORY SYSTEM	9	9	-	-	-	-	-	-	-	-	-	-	-
(190) PHLEBITIS, THROMBOPHLEBITIS, VENOUS EMBOLISM AND THROMBOSIS	6	6	-	-	-	-	-	-	-	-	-	-	-
(191) ALL OTHER AND UNSPECIFIED DISORDERS OF CIRCULATORY SYSTEM	3	3	-	-	-	-	-	-	-	-	-	-	-

* ICD-10 SELECTED CAUSE-OF-DEATH LIST OF 358 LINE NUMBER ARE IN PARENTHESES. SEE PAGE 10 FOR CODES.

TABLE 9 (CONTINUED)

FREQUENCY OF DEATH BY SEX, AGE, AND UP TO 358 SELECTED UNDERLYING CAUSES
MONTANA RESIDENTS, 2000

CAUSE OF DEATH*	ALL AGES			LESS THAN 1 YR		1 YEAR OLD		2 - 4 YEARS		5 - 9 YEARS		0 - 14 YEARS	
	BOTH	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
DISEASES OF THE RESPIRATORY SYSTEM	860	444	416	1	1	1	1	-	-	-	-	-	-
OTHER DISEASES OF THE RESPIRATORY SYSTEM	860	444	416	1	1	1	1	-	-	-	-	-	-
(195) INFLUENZA	10	3	7	-	-	-	-	-	-	-	-	-	-
PNEUMONIA	192	92	100	1	-	1	1	-	-	-	-	-	-
(196) VIRAL PNEUMONIA, NOT ELSEWHERE CLASSIFIED	1	-	1	-	-	-	-	-	-	-	-	-	-
(197) BACTERIAL PNEUMONIA	11	6	5	-	-	-	-	-	-	-	-	-	-
(196) PNEUMONIA DUE TO OTHER OR UNSPECIFIED ORGANISMS	180	86	94	1	-	1	1	-	-	-	-	-	-
(201) OTHER DISEASES OF UPPER RESPIRATORY TRACT	1	1	-	-	-	-	-	-	-	-	-	-	-
CHRONIC LOWER RESPIRATORY DISEASE	518	269	249	-	-	-	-	-	-	-	-	-	-
BRONCHITIS, CHRONIC AND UNSPECIFIED, EMPHYSEMA AND ASTHMA	514	268	246	-	-	-	-	-	-	-	-	-	-
(202) BRONCHITIS, NOT SPECIFIED AS ACUTE OR CHRONIC	2	-	2	-	-	-	-	-	-	-	-	-	-
(204) EMPHYSEMA	68	39	29	-	-	-	-	-	-	-	-	-	-
(205) OTHER CHRONIC OBSTRUCTIVE PULMONARY DISEASE	430	224	206	-	-	-	-	-	-	-	-	-	-
(206) ASTHMA	14	5	9	-	-	-	-	-	-	-	-	-	-
(207) BRONCHIECTASIS	4	1	3	-	-	-	-	-	-	-	-	-	-
LUNG DISEASES DUE TO EXTERNAL AGENTS	53	33	20	-	-	-	-	-	-	-	-	-	-
(208) PNEUMONCONIOSES AND CHEMICAL EFFECTS	3	3	-	-	-	-	-	-	-	-	-	-	-
PNEUMONITIS DUE TO SOLIDS AND LIQUIDS	50	30	20	-	-	-	-	-	-	-	-	-	-
(209) PNEUMONITIS DUE TO FOOD AND VOMIT	50	30	20	-	-	-	-	-	-	-	-	-	-
(212) SUPPURATIVE AND NECROTIC CONDITIONS OF LOWER RESPIRATORY TRACT	6	5	1	-	-	-	-	-	-	-	-	-	-
(213) PLEURAL EFFUSION AND PLAQUE	1	-	1	-	-	-	-	-	-	-	-	-	-
(214) ALL OTHER DISEASES OF RESPIRATORY SYSTEM	79	41	38	-	1	-	-	-	-	-	-	-	-
DISEASES OF THE DIGESTIVE SYSTEM	307	143	164	-	1	-	-	1	-	-	-	-	-
(215) DISEASES OF ORAL CAVITY, SALIVARY GLANDS AND JAWS	1	-	1	-	-	-	-	-	-	-	-	-	-
DISEASES OF OTHER PARTS OF DIGESTIVE SYSTEM	306	143	163	-	1	-	-	1	-	-	-	-	-
(216) DISEASES OF ESOPHAGUS	9	4	5	-	-	-	-	-	-	-	-	-	-
PEPTIC ULCER	17	5	12	-	-	-	-	-	-	-	-	-	-
(217) GASTRIC ULCER	7	-	7	-	-	-	-	-	-	-	-	-	-
(218) DUODENAL ULCER	6	4	2	-	-	-	-	-	-	-	-	-	-
(219) PEPTIC ULCER, SITE UNSPECIFIED	4	1	3	-	-	-	-	-	-	-	-	-	-
(221) GASTRITIS AND DUODENITIS	2	1	1	-	-	-	-	-	-	-	-	-	-
(222) DYSPEPSIA AND OTHER DISEASES OF STOMACH AND DUODENUM	2	-	2	-	-	-	-	-	-	-	-	-	-
(223) DISEASES OF APPENDIX	2	2	-	-	-	-	-	1	-	-	-	-	-
(224) HENIA	7	4	3	-	-	-	-	-	-	-	-	-	-
(225) CROHN'S DISEASE AND ULCERATIVE COLITIS	2	1	1	-	-	-	-	-	-	-	-	-	-
(226) VASCULAR DISORDERS AND OBSTRUCTION OF INTESTINE WITHOUT HERNIA	48	20	28	-	1	-	-	-	-	-	-	-	-
(227) DIVERTICULAR DISEASE OF INTESTINE	14	3	11	-	-	-	-	-	-	-	-	-	-
(228) OTHER DISEASES OF INTESTINES AND PERITONEUM	12	6	6	-	-	-	-	-	-	-	-	-	-
(229) DISEASES OF PERITONEUM	5	2	3	-	-	-	-	-	-	-	-	-	-
DISEASES OF LIVER	115	64	51	-	-	-	-	-	-	-	-	-	-
(230) ALCHOLIC LIVER DISEASE	46	29	17	-	-	-	-	-	-	-	-	-	-
(232) FIBROSIS AND CIRRHOSIS OF LIVER	39	19	20	-	-	-	-	-	-	-	-	-	-
(233) OTHER DISEASES OF LIVER	30	16	14	-	-	-	-	-	-	-	-	-	-
(234) CHOLELITHIASIS AND OTHER DISORDERS OF GALLBLADDER	13	5	8	-	-	-	-	-	-	-	-	-	-
DISORDERS OF BILIARY TRACT AND PANCREAS	18	8	10	-	-	-	-	-	-	-	-	-	-
(235) PANCREATITIS	14	8	6	-	-	-	-	-	-	-	-	-	-
(236) OTHER DISORDERS OF BILIARY TRACT AND PANCREAS	4	2	2	-	-	-	-	-	-	-	-	-	-
(237) ALL OTHER DISEASES OF DIGESTIVE SYSTEM	40	18	22	-	-	-	-	-	-	-	-	-	-
DISEASES OF THE SKIN AND SUBCUTANEOUS TISSUE	10	4	6	-	-	-	-	-	-	-	-	-	-
(238) INFECTIONS OF SKIN AND SUBCUTANEOUS TISSUE	4	2	2	-	-	-	-	-	-	-	-	-	-
(239) OTHER AND UNSPECIFIED DISEASES OF SKIN AND SUBCUTANEOUS TISSUE	6	2	4	-	-	-	-	-	-	-	-	-	-
DISEASES OF THE MUSCUOLSKELETAL SYSTEM AND CONNECTIVE TISSUE	63	17	46	-	-	-	-	-	-	-	-	-	-
(240) RHEUMATOID ARTHRITIS AND RELATED INFLAMMATORY POLYARTHROPATHIES	13	3	10	-	-	-	-	-	-	-	-	-	-
(241) SYSTEMIC LUPUS ERYTHEMATOSUS	3	-	3	-	-	-	-	-	-	-	-	-	-
(242) OTHER ARTHROPATHIES AND RELATED DISORDERS	20	6	14	-	-	-	-	-	-	-	-	-	-
(243) DORSOPATHIES	2	1	1	-	-	-	-	-	-	-	-	-	-
(244) SOFT TISSUE DISORDERS	4	3	1	-	-	-	-	-	-	-	-	-	-
OSTEOPATHIES, CHRONDROPATHIES AND OTHER DISORDERS OF MUSCULOSKELETAL SYSTEM AND CONNECTIVE TISSUE	21	4	17	-	-	-	-	-	-	-	-	-	-
(245) OSTEOPOROSIS	16	2	16	-	-	-	-	-	-	-	-	-	-
DISEASES OF THE GENITOURINARY SYSTEM	160	78	84	1	-	-	-	-	-	-	-	-	-

* ICD-10 SELECTED CAUSE-OF-DEATH LIST OF 358 LINE NUMBER ARE IN PARENTHESES. SEE PAGE 16 FOR CODES.

TABLE 9 (CONTINUED)

FREQUENCY OF DEATH BY SEX, AGE, AND UP TO 358 SELECTED UNDERLYING CAUSES
MONTANA RESIDENTS, 2000

CAUSE OF DEATH*	ALL AGES			LESS THAN 1 YR		1 YEAR OLD		2 - 4 YEARS		5 - 9 YEARS		0 - 14 YEARS	
	BOTH	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
DISEASES OF URINARY SYSTEM	157	73	84	1	-	-	-	-	-	-	-	-	-
GLOMERULAR AND RENAL TUBULO-INTERSTITIAL DISEASES	10	7	3	-	-	-	-	-	-	-	-	-	-
GLOMERULAR DISEASES	4	3	1	-	-	-	-	-	-	-	-	-	-
(248) NEPHROTIC SYNDROME	2	2	-	-	-	-	-	-	-	-	-	-	-
(249) OTHER AND UNSPECIFIED GLOMERULAR DISEASES	2	1	1	-	-	-	-	-	-	-	-	-	-
(250) RENAL TUBULO-INTERSTITIAL DISEASES	6	4	2	-	-	-	-	-	-	-	-	-	-
(251) RENAL FAILURE	110	52	58	1	-	-	-	-	-	-	-	-	-
(252) UROLITHIASIS	1	1	-	-	-	-	-	-	-	-	-	-	-
(253) OTHER AND UNSPECIFIED DISORDERS OF KIDNEY	1	1	-	-	-	-	-	-	-	-	-	-	-
(254) URINARY TRACT INFECTIONS, SITE NOT SPECIFED	32	10	22	-	-	-	-	-	-	-	-	-	-
(255) OTHER DISEASES OF URINARY TRACT	3	2	1	-	-	-	-	-	-	-	-	-	-
DISEASES OF MALE GENITAL ORGANS	3	3	-	-	-	-	-	-	-	-	-	-	-
(256) HYPERPLASIA OF PROSTATE	3	3	-	-	-	-	-	-	-	-	-	-	-
(272) OTHER DEATHS RELATED TO PREGNANCY, CHILDBIRTH AND THE PUERPERIUM	1	-	1	-	-	-	-	-	-	-	-	-	-
(273) INDIRECT OBSTETRIC DEATHS	1	-	1	-	-	-	-	-	-	-	-	-	-
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	25	12	13	11	13	-	-	-	-	-	-	-	-
(274) NEWBORN AFFECTED BY MATERNAL FACTORS AND BY COMPLICATIONS OF PREGNANCY, LABOR AND DELIVERY	8	6	2	6	2	-	-	-	-	-	-	-	-
(275) DISORDERS RELATED TO SHORT GESTATION AND LOW BIRTH WEIGHT, NOT ELSEWHERE CLASSIFIED	5	1	4	1	4	-	-	-	-	-	-	-	-
(277) INTRAUTERINE HYPOXIA AND BIRTH ASPHYXIA	2	1	1	1	1	-	-	-	-	-	-	-	-
(279) OTHER RESPIRATORY CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	1	-	1	-	1	-	-	-	-	-	-	-	-
(280) INFECTIONS SPECIFIC TO THE PERINATAL PERIOD	2	-	2	-	2	-	-	-	-	-	-	-	-
(281) OTHER AND UNSPECIFIED CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	7	4	3	3	3	-	-	-	-	-	-	-	-
CONGENITAL MALFORMATIONS, DEFORMATIONS AND CHROMOSOMAL ABNORMALITIES	30	15	15	8	8	-	-	1	-	-	-	-	1
(283) SPINA BIFIDA	2	2	-	1	-	-	-	-	-	-	-	-	-
(284) ALL OTHER CONGENITAL MALFORMATIONS OF NERVOUS SYSTEM	2	-	2	-	-	-	-	-	-	-	-	-	1
(285(CONGENITAL MALFORMATIONS OF HEART	10	7	3	4	1	-	-	1	-	-	-	-	-
(286) OTHER CONGENITAL MALFORMATIONS OR CIRCULATORY SYSTEM	2	1	1	-	-	-	-	-	-	-	-	-	-
(287) CONGENITAL MALFORMATIONS OF RESPIRATORY SYSTEM	4	1	3	1	3	-	-	-	-	-	-	-	-
(288) OTHER CONGEITAL MALFORMATIONS AND DEFORMATIONS	5	2	3	1	1	-	-	-	-	-	-	-	-
(289) DOWN'S SYNDROME	2	-	2	-	-	-	-	-	-	-	-	-	-
(290) ALL OTHER CHROMOSOMAL ABNORMALITIES, NOT ELSEWHERE CLASSIFIED	3	2	1	1	1	-	-	-	-	-	-	-	-
SYMPTOMS, SIGNS AND ABNORMAL CLINICAL AND LABORATORY FINDINGS, NOT ELSEWHERE CLASSIFIED	183	71	112	7	5	-	-	-	-	1	-	-	-
(291) SENILITY	44	14	30	-	-	-	-	-	-	-	-	-	-
ILL-DEFINED AND UNKNOWN CAUSE OR MORTALITY	109	46	63	7	5	-	-	-	-	-	-	-	-
(292) SUDDEN INFANT DEATH SYNDROME	11	6	5	6	5	-	-	-	-	-	-	-	-
(293) OTHER ILL-DEFINED AND UNKNOWN CAUSES OF MORTALITY	98	40	58	1	-	-	-	-	-	-	-	-	-
(294) ALL OTHER SYMPTOMS, SIGNS AND ABNORMAL CLINICAL AND LABORATORY FINDINGS, NOT ELSEWHERE CLASSIFIED	30	11	19	-	-	-	-	-	-	1	-	-	-
EXTERNAL CAUSES OF MORTALITY	698	486	212	5	1	1	2	2	3	8	5	18	2
ACCIDENTS	484	310	174	5	-	1	1	2	3	7	4	9	2
TRANSPORT ACCIDENTS	248	172	76	2	-	-	1	-	1	3	4	8	-
(295) RAILWAY ACCIDENTS	3	3	-	-	-	-	-	-	-	-	-	-	-
MOTOR VEHICLE ACCIDENTS	228	156	72	2	-	-	1	-	1	3	3	8	-
(296) PEDESTRIAN, COLLISION WITH MOTOR VEHICLE	10	4	6	-	-	-	-	-	1	-	1	-	-
(297) PEDALCYCLIST, COLLISION WITH MOTOR VEHICLE	8	7	1	-	-	-	-	-	-	1	-	1	-
(298) MOTORCYCLIST, ANY ACCIDENT EXCEPT COLLISION WITH RAILWY CAR	11	10	1	-	-	-	-	-	-	-	-	-	-
MOTOR VEHICLE ACCIDENT WITH RAILWAY TRAIN	1	1	-	-	-	-	-	-	-	-	-	-	-
(300) OTHER MOTOR VEHICLE, COLLISION WITH RAILWAY TRAIN	1	1	-	-	-	-	-	-	-	-	-	-	-
(301) MOTOR VEHICLE, COLLISION WITH OTHER (NON-MOTORIZED) ROAD VEHICLE, STREETCAR, ANIMAL OR PEDESTRIN	26	18	8	-	-	-	-	-	-	-	-	-	-
(302) CAR, PICKUP TRUCK OR VAN, COLLISION WITH OTHER MOTOR VEHICLE	75	48	27	-	-	-	1	-	-	2	1	4	-
(303) HEAVY TRANSPORT VEHICLE OR BUS, COLLISION WITH OTHER MOTOR VEHICLE	1	1	-	-	-	-	-	-	-	-	-	-	-
(304) MOTOR VEHICLE, NONCOLLISION ACCIDENT	72	51	21	2	-	-	-	-	-	-	-	1	-
(305) SPECIAL-USE MOTOR VEHICLE, ANY ACCIDENT	7	7	-	-	-	-	-	-	-	-	-	1	-
(306) OTHER AND UNSPECIFIED MOTOR VEHICLE ACCIDENTS	17	9	8	-	-	-	-	-	-	1	1	-	-
(308) OTHER AND UNSPECIFIED LAND TRANSPORT ACCIDENTS	4	2	2	-	-	-	-	-	-	1	-	-	-
(309) WATER TRANSPORT ACCIDENTS	4	3	1	-	-	-	-	-	-	-	-	-	-
(310) AIR AND SPACE TRANSPORT ACCIDENTS	7	7	-	-	-	-	-	-	-	-	-	-	-
(311) OTHER AND UNSPECIFIED TRANSPORT ACCIDENTS AND THEIR SEQUELAE	2	1	1	-	-	-	-	-	-	-	-	-	-
FALLS	106	46	60	-	-	-	-	-	1	-	-	-	1
(312) FALL ON SAME LEVEL	31	9	22	-	-	-	-	-	-	-	-	-	1
(313) FALL FROM ONE LEVEL TO ANOTHER	22	16	6	-	-	-	-	-	1	-	-	-	1

* ICD-10 SELECTED CAUSE-OF-DEATH LIST OF 358 LINE NUMBER ARE IN PARENTHESES. SEE PAGE 10 FOR CODES.

TABLE 9 (CONTINUED)

FREQUENCY OF DEATH BY SEX, AGE, AND UP TO 358 SELECTED UNDERLYING CAUSES
MONTANA RESIDENTS, 2000

CAUSE OF DEATH*	ALL AGES			LESS THAN 1 YR		1 YEAR OLD		2 - 4 YEARS		5 - 9 YEARS		0 - 14 YEARS	
	BOTH	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
(314) UNSPECIFIED FALL	53	21	32	-	-	-	-	-	-	-	-	-	-
(315) ACCIDENTAL DISCHARGE OF FIREARMS	4	4	-	-	-	-	-	-	-	1	-	-	-
(317) ACCIDENTAL DROWNING AND SUBMERSION	17	15	2	-	-	1	-	1	-	-	-	-	1
(318) ACCIDENTAL INHALATION AND INGESTION OF FOOD OR OTHER OBJECTS CAUSING OBSTRUCTION OF RESPIRATORY TRACT	12	8	4	1	-	-	-	-	-	1	-	-	-
(319) OTHER ACCIDENTAL AND UNSPECIFIED THREATS TO BREATHING	8	5	1	2	-	-	-	-	-	-	-	-	-
(322) ACCIDENTAL EXPOSURE TO SMOKE, FIRE AND FLAMES	7	5	2	-	-	-	-	1	-	1	-	-	-
(325) EARTHQUAKE, VOLCANIC ERUPTION, AVALANCHE, LANDSLIDE AND OTHER EARTH MOVEMENTS	7	7	-	-	-	-	-	-	-	-	-	1	-
ACCIDENTAL POISONING AND EXPOSURE TO NOXIOUS SUBSTANCES	23	15	8	-	-	-	-	-	-	-	-	-	-
(327) BY AND EXPOSURE TO DRUGS AND OTHER BIOLOGICAL SUBSTANCES	18	13	5	-	-	-	-	-	-	-	-	-	-
(328) BY AND EXPOSURE TO OTHER AND UNSPECIFIED SOLID OR LIQUID SUBSTANCES	4	1	3	-	-	-	-	-	-	-	-	-	-
(329) BY AND EXPOSURE TO OTHER GASES AND VAPORS	1	1	-	-	-	-	-	-	-	-	-	-	-
(330) ALL OTHER AND UNSPECIFIED ACCIDENTS AND THEIR SEQUELAE	54	33	21	-	-	-	-	-	1	1	-	-	-
INTENTIONAL SELF-HARM AND SELF-POISONING (SUICIDE)	157	135	22	-	-	-	-	-	-	-	-	6	-
(331) POISONING BY AND EXPOSURE TO DRUGS AND OTHER BIOLOGICAL SUBSTANCES	10	3	7	-	-	-	-	-	-	-	-	-	-
(332) POISONING BY AND EXPOSURE TO OTHER AND UNSPECIFIED SOLID OR LIQUID SUBSTANCES AND THEIR VAPORS	1	1	-	-	-	-	-	-	-	-	-	-	-
(333) POISONING BY AND EXPOSURE TO GASES AND VAPORS	11	9	2	-	-	-	-	-	-	-	-	-	-
(334) BY HANGING, STRANGULATION AND SUFFOCATION	23	19	4	-	-	-	-	-	-	-	-	1	-
(335) BY DISCHARGE OF FIREARMS	197	101	6	-	-	-	-	-	-	-	-	5	-
(337) BY ALL OTHER AND UNSPECIFIED MEANS AND THEIR SEQUELAE	5	2	3	-	-	-	-	-	-	-	-	-	-
ASSAULT (HOMICIDE)	35	24	11	-	1	-	1	-	-	1	1	-	-
(338) BY DRUGS, BIOLOGICAL SUBSTANCES AND OTHER AND UNSPECIFIED NOXIOUS SUBSTANCES	1	-	1	-	-	-	-	-	-	-	-	-	-
(339) BY HANGING, STRANGULATION AND SUFFOCATION	2	1	1	-	1	-	-	-	-	-	-	-	-
(340) BY DISCHARGE OF FIREARMS	16	11	5	-	-	-	-	-	-	1	1	-	-
(341) BY SHARP OBJECT	5	4	1	-	-	-	-	-	-	-	-	-	-
(342) BY BLUNT OBJECT	1	1	-	-	-	-	-	-	-	-	-	-	-
(345) NEGLECT, ABANDONMENT AND OTHER MALTREATMENT SYNDROMES	1	1	-	-	-	-	-	-	-	-	-	-	-
(348) ASSAULT (HOMICIDE) BY ALL OTHER AND UNSPECIFIED MEANS AND THEIR SEQUELAE	9	8	3	-	-	-	1	-	-	-	-	-	-
EVENT OF UNDETERMINED INTENT	14	11	3	-	-	-	-	-	-	-	-	1	-
(347) POISONING BY AND EXPOSURE TO DRUGS AND BIOLOGICAL SUBSTANCES, UNDTERMINED INTENT	11	8	3	-	-	-	-	-	-	-	-	-	-
(351) DISCHARGE OF FIREARMS, UNDTERMINED INTENT	2	2	-	-	-	-	-	-	-	-	-	1	-
(352) ALL OTHER AND UNSPECIFIED EVENTS OF UNDETERMINED INTENT AND THEIR SEQUELAE	1	1	-	-	-	-	-	-	-	-	-	-	-
LEGAL INTERVENTION	2	2	-	-	-	-	-	-	-	-	-	-	-
(354) OTHER LEGAL INTERVENTION AND THEIR SEQUELAE	2	2	-	-	-	-	-	-	-	-	-	-	-
COMPLICATIONS OF MEDICAL AND SURGICAL CARE	6	4	2	-	-	-	-	-	-	-	-	-	-
(356)DRUGS, MEDICAMENTS AND BIOLOGICAL SUBSTANCES CAUSING ADVERSE EFFECTS IN THERAPEUTIC USE, AND THEIR SEQUEL	2	1	1	-	-	-	-	-	-	-	-	-	-
(357) MISADVENTURES TO PATIENTS DURING MEDICAL AND SURGICAL CARE, AND THEIR SEQUELAE	1	1	-	-	-	-	-	-	-	-	-	-	-
(358) OTHER COMPLICATIONS OF MEDICAL AND SURGICAL CARE AND THEIR SEQUELAE	3	2	1	-	-	-	-	-	-	-	-	-	-

* ICD-10 SELECTED CAUSE-OF-DEATH LIST OF 358 LINE NUMBER ARE IN PARENTHESES. SEE PAGE 10 FOR CODES.

TABLE 9 (CONTINUED)

FREQUENCY OF DEATH BY SEX, AGE, AND UP TO 358 SELECTED UNDERLYING CAUSES
MONTANA RESIDENTS, 2000

CAUSE OF DEATH*	15 - 17 YEARS		18 - 19 YEARS		20 - 24 YEARS		25 - 29 YEARS		30 - 34 YEARS		35 - 39 YEARS	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
ALL CAUSES	29	15	14	12	53	11	37	19	52	19	80	39
CERTAIN INFECTIOUS AND PARASITIC DISEASES	-	-	-	-	1	-	-	-	1	1	1	1
INTESTINAL INFECTIOUS DISEASES	-	-	-	-	-	-	-	-	-	-	-	
OTHER INTESTINAL INFECTIOUS DISEASES	-	-	-	-	-	-	-	-	-	-	-	
(7) INTESTINAL INFECTIONS DUE TO OTHER SPECIFIED ORGANISMS	-	-	-	-	-	-	-	-	-	-	-	
TUBERCULOSIS	-	-	-	-	-	-	-	-	-	-	-	
(9) RESPIRATORY	-	-	-	-	-	-	-	-	-	-	-	
(10) OTHER TUBERCULOSIS	-	-	-	-	-	-	-	-	-	-	-	
ZOONOTIC AND OTHER BACTERIAL DISEASES	-	-	-	-	1	-	-	-	-	-	-	1
(16) SEPTICEMIA	-	-	-	-	1	-	-	-	-	-	-	1
(19) OTHER ZOONOTIC AND BACTERIAL DISEASES	-	-	-	-	-	-	-	-	-	-	-	-
VIRAL DISEASES	-	-	-	-	-	-	-	-	1	1	1	-
(34) ZOSTER (HERPES ZOSTER)	-	-	-	-	-	-	-	-	-	-	1	
(36) VIRAL HEPATITIS	-	-	-	-	-	-	-	-	1	1	-	
HUMAN IMMUNODEFICIENCY VIRUS (HIV) DISEASE	-	-	-	-	-	-	-	-	-	-	-	
(39) RESULTING IN INFECTIOUS AND PARASITIC DISEASE	-	-	-	-	-	-	-	-	-	-	-	
(42) RESULTING IN OTHER CONDITIONS	-	-	-	-	-	-	-	-	-	-	-	-
(43) UNSPECIFIED HUMAN IMMUNODEFICIENCY VIRUS (HIV) DISEASE	-	-	-	-	-	-	-	-	-	-	-	-
(44) ALL OTHER AND UNSPECIFIED VIRAL DISEASES	-	-	-	-	-	-	-	-	-	-	-	-
OTHER AND UNSPECIFIED INFECTIONS AND PARASITIC DISEASES AND THEIR SEQUELAE	-	-	-	-	-	-	-	-	-	-	-	
(54) SEQUELAE OF POLIOMYELITIS	-	-	-	-	-	-	-	-	-	-	-	
(55) ALL OTHER AND UNSPECIFIED INFECTIONS AND PARASITIC DISEASES AND THEIR SEQUELAE	-	-	-	-	-	-	-	-	-	-	-	
NEOPLASMS	1	-	-	1	3	1	3	2	4	2	8	11
MALIGNANT NEOPLASMS	1	-	-	1	3	1	3	2	4	2	6	11
MALIGNANT NEOPLASMS OF LIP, ORAL CAVITY AND PHARYNX	-	-	-	-	-	-	-	-	-	-	-	
(56) OF LIP	-	-	-	-	-	-	-	-	-	-	-	
(57) OF TONGUE	-	-	-	-	-	-	-	-	-	-	-	
(58) OF PHARYNX	-	-	-	-	-	-	-	-	-	-	-	
(59) OF OTHER AND UNSPECIFIED SITES WITHIN THE LIP, ORAL CAVITY AND PHARYNX	-	-	-	-	-	-	-	-	-	-	-	
MALIGNANT NEOPLASMS OF DIGESTIVE ORGANS	-	-	-	-	-	-	-	-	-	-	1	1
(60) OF ESOPHAGUS	-	-	-	-	-	-	-	-	-	-	-	
(61) OF STOMACH	-	-	-	-	-	-	-	-	-	-	1	
(62) OF SMALL INTESTINE	-	-	-	-	-	-	-	-	-	-	-	
OF COLON, RECTUM AND ANUS	-	-	-	-	-	-	-	-	-	-	-	
(63) COLON	-	-	-	-	-	-	-	-	-	-	-	
(64) RECTOSIGMOID JUNCTION AND RECTUM	-	-	-	-	-	-	-	-	-	-	-	
(65) ANUS AND ANAL CANAL	-	-	-	-	-	-	-	-	-	-	-	
OF LIVER AND INTRAHEPATIC BILE DUCTS	-	-	-	-	-	-	-	-	-	-	-	1
(66) LIVER	-	-	-	-	-	-	-	-	-	-	-	1
(67) INTRAHEPATIC BILE DUCT CARCINOMA	-	-	-	-	-	-	-	-	-	-	-	-
(68) OF GALLBLADDER AND EXTRAHEPATIC BILE DUCTS	-	-	-	-	-	-	-	-	-	-	-	
(69) OF PANCREAS	-	-	-	-	-	-	-	-	-	-	-	
(70) OF OTHER AND ILL-DEFINED DIGESTIVE ORGANS	-	-	-	-	-	-	-	-	-	-	-	-
MALIGNANT NEOPLASMS OF RESPIRATORY AND INTRATHORACIC ORGANS	-	-	-	-	-	-	-	-	-	-	2	-
(71) OF NASAL CAVITY, MIDDLE EAR AND ACCESSORY SINUSES	-	-	-	-	-	-	-	-	-	-	-	
(72) OF LARYNX	-	-	-	-	-	-	-	-	-	-	-	
(73) OF TRACHEA, BRONCHUS AND LUNG	-	-	-	-	-	-	-	-	-	-	2	
(74) OF THYMUS, HEART, MEDIASTINUM AND PLEURA	-	-	-	-	-	-	-	-	-	-	-	-
(76) MALIGNANT NEOPLASMS OF BONE AND ARTICULAR CARTILAGE	-	-	-	-	-	1	-	-	1	-	-	-
MELANOMA AND OTHER MALIGNANT NEOPLASMS OF SKIN	-	-	-	-	-	-	1	-	1	-	1	-
(77) MALIGNANT MELANOMA OF SKIN	-	-	-	-	-	-	1	-	1	-	1	
(78) OTHER MALIGNANT NEOPLASMS OF SKIN	-	-	-	-	-	-	-	-	-	-	-	
MALIGNANT NEOPLASMS OF MESOTHELIAL AND SOFT TISSUE	-	-	-	-	-	-	-	-	-	1	-	1
(79) MESOTHELIOMA	-	-	-	-	-	-	-	-	-	-	-	-
(81) OF OTHER MESOTHELIAL AND SOFT TISSUE	-	-	-	-	-	-	-	-	-	1	-	1
(82) MALIGNANT NEOPLASM OF BREAST	-	-	-	-	-	-	-	-	-	1	-	2
MALIGNANT NEOPLASMS OF FEMALE GENITAL ORGANS	-	-	-	-	-	-	-	1	-	-	-	4
(83) OF VULVA AND VAGINA	-	-	-	-	-	-	-	-	-	-	-	-
(84) OF CERVIX UTERI	-	-	-	-	-	-	-	1	-	-	-	3
(85) OF CORPUS UTERI AND UTERUS, PART UNSPECIFIED	-	-	-	-	-	-	-	-	-	-	-	-

* ICD-10 SELECTED CAUSE-OF-DEATH LIST OF 358 LINE NUMBER ARE IN PARENTHESES. SEE PAGE 10 FOR CODES.

TABLE 8 (CONTINUED)

FREQUENCY OF DEATH BY SEX, AGE, AND UP TO 358 SELECTED UNDERLYING CAUSES
MONTANA RESIDENTS, 2000

CAUSE OF DEATH*	15 - 17 YEARS		18 - 19 YEARS		20 - 24 YEARS		25 - 29 YEARS		30 - 34 YEARS		35 - 39 YEARS	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
(86) OF OVARY	-	-	-	-	-	-	-	-	-	-	-	1
(87) OF OTHER AND UNSPECIFIED FEMALE GENITAL ORGANS	-	-	-	-	-	-	-	-	-	-	-	-
MALIGNANT NEOPLASMS OF MALE GENITAL ORGANS	-	-	-	-	-	-	-	-	-	-	1	-
(89) OF PROSTATE	-	-	-	-	-	-	-	-	-	-	-	-
(90) OF TESTIS	-	-	-	-	-	-	-	-	-	-	1	-
(91) OF PENIS AND OTHER AND UNSPECIFIED MALE GENITAL ORGANS	-	-	-	-	-	-	-	-	-	-	-	-
MALIGNANT NEOPLASMS OF URINARY TRACT	-	-	-	1	-	-	-	-	-	-	-	-
(92) OF KIDNEY AND RENAL PELVIS	-	-	-	1	-	-	-	-	-	-	-	-
(93) OF BLADDER	-	-	-	-	-	-	-	-	-	-	-	-
(94) OF OTHER AND UNSPECIFIED SITES WITHIN THE URINARY TRACT	-	-	-	-	-	-	-	-	-	-	-	-
MALIGNANT NEOPLASMS OF MENINGES, BRAIN AND OTHER PARTS OF CENTRAL NERVOUS SYSTEM	1	-	-	-	-	-	1	-	1	-	1	1
(96) OF BRAIN	1	-	-	-	-	-	1	-	1	-	1	1
(97) OF OTHER PARTS OF CENTRAL NERVOUS SYSTEM	-	-	-	-	-	-	-	-	-	-	-	-
(98) MALIGNANT NEOPLASMS OF THYROID AND OTHER ENDOCRINE GLANDS	-	-	-	-	-	-	-	-	1	-	1	-
(99) OTHER MALIGNANT NEOPLASMS OF OTHER AND UNSPECIFIED SITES	-	-	-	-	-	-	1	-	-	-	-	-
MALIGNANT NEOPLASMS OF LYMPHOID, HEMATOPOIETIC AND RELATED TISSUE	-	-	-	-	3	-	-	1	-	-	1	2
(100) HODGKIN'S DISEASE	-	-	-	-	-	-	-	-	-	-	-	-
OF OTHER LYMPHOID, HEMATOPOIETIC AND RELATED TISSUE	-	-	-	-	1	-	-	1	-	-	-	-
(101) NON-HODGKIN'S LYMPHOMA	-	-	-	-	1	-	-	1	-	-	-	-
(102) OF OTHER AND UNSPECIFIED LYMPHOID, HEMATOPOIETIC AND RELATED TISSUE	-	-	-	-	-	-	-	-	-	-	-	-
(103) MALIGNANT IMMUNOPROLIFERATIVE DISEASES	-	-	-	-	-	-	-	-	-	-	-	-
(104) MULTIPLE MYELOMA AND MALIGNANT PLASMA CELL NEOPLASMS	-	-	-	-	-	-	-	-	-	-	1	-
LEUKEMIA	-	-	-	-	2	-	-	-	-	-	-	2
(105) LYMPHOID LEUKEMIA	-	-	-	-	1	-	-	-	-	-	-	1
(106) MYELOID LEUKEMIA	-	-	-	-	-	-	-	-	-	-	-	1
(106) OTHER AND UNSPECIFIED LEUKEMIA	-	-	-	-	1	-	-	-	-	-	-	-
BENIGN NEOPLASMS	-	-	-	-	-	-	-	-	-	-	-	-
(112) OF EYE, BRAIN AND OTHER PARTS OF CENTRAL NERVOUS SYSTEM	-	-	-	-	-	-	-	-	-	-	-	-
(113) OF OTHER AND UNSPECIFIED SITES	-	-	-	-	-	-	-	-	-	-	-	-
(114) NEOPLASMS OF UNCERTAIN OR UNKNOWN BEHAVIOR OF SPECIFIED SITES	-	-	-	-	-	-	-	-	-	-	-	-
(115) NEOPLASM OF UNCERTAIN OR UNKNOWN BEHAVIOR OF UNSPECIFIED SITES	-	-	-	-	-	-	-	-	-	-	-	-
DISEASES OF THE BLOOD AND BLOOD FORMING ORGANS AND CERTAIN DISORDERS INVOLVING THE IMMUNE MECHANISM	2	-	-	-	-	-	-	-	1	-	-	-
ANEMIAS	-	-	-	-	-	-	-	-	1	-	-	-
(117) HEMOLYTIC ANEMIAS	-	-	-	-	-	-	-	-	-	-	-	-
(118) APLASTIC ANEMIAS	-	-	-	-	-	-	-	-	-	-	-	-
(119) ACUTE POSTHEMORRHAGIC AND OTHER ANEMIAS	-	-	-	-	-	-	-	-	-	-	-	-
(120) COAGULATION DEFECTS, PURPURA AND OTHER HEMORRHAGIC CONDITIONS	-	-	-	-	-	-	-	-	-	-	-	-
(121) OTHER DISEASES OF BLOOD AND BLOOD-FORMING ORGANS	2	-	-	-	-	-	-	-	-	-	-	-
ENDOCRINE, NUTRITIONAL AND METABOLIC DISEASES	1	-	-	-	-	3	-	1	3	-	1	1
ENDOCRINE DISEASES	-	-	-	-	-	-	-	1	2	-	1	-
(123) DISORDERS OF THYROID GLAND	-	-	-	-	-	-	-	-	-	-	-	-
(124) DIABETES MELLITUS	-	-	-	-	-	-	-	1	2	-	1	-
(126) DISORDERS OF ADRENAL GLANDS	-	-	-	-	-	-	-	-	-	-	-	-
NUTRITIONAL DISEASES	-	-	-	-	-	-	-	-	1	-	-	1
MALNUTRITION	-	-	-	-	-	-	-	-	-	-	-	-
(130) OTHER AND UNSPECIFIED MALNUTRITION	-	-	-	-	-	-	-	-	-	-	-	-
(131) OTHER NUTRITIONAL DEFICIENCIES	-	-	-	-	-	-	-	-	-	-	-	-
(132) OBESITY AND OTHER HYPERALIMENTATION	-	-	-	-	-	-	-	-	1	-	-	1
METABOLIC DISORDERS	1	-	-	-	-	3	-	-	-	-	-	-
(133) CYSTIC FIBROSIS	-	-	-	-	-	2	-	-	-	-	-	-
(134) VOLUME DEPLETION, DISORDERS OF FLUID, ELECTROLYTE AND ACID-BASE BALANCE	-	-	-	-	-	1	-	-	-	-	-	-
(135) OTHER METABOLIC DISORDERS	1	-	-	-	-	-	-	-	-	-	-	-
MENTAL AND BEHAVIORAL DISORDERS	-	-	-	-	-	-	-	-	2	-	2	1
(136) ORGANIC DEMENTIA	-	-	-	-	-	-	-	-	-	-	-	-
(137) OTHER AND UNSPECIFIED ORGANIC MENTAL DISORDERS	-	-	-	-	-	-	-	-	-	-	-	-
MENTAL AND BEHAVIORAL DISORDERS DUE TO PSYCHOACTIVE SUBSTANCE USE	-	-	-	-	-	-	-	-	1	-	2	1
(138) MENTAL AND BEHAVIORAL DISORDERS DUE TO USE OF ALCOHOL	-	-	-	-	-	-	-	-	1	-	1	1
(139) MENTAL AND BEHAVIORAL DISORDERS DUE TO OTHER PSYCHOACTIVE SUBSTANCE USE	-	-	-	-	-	-	-	-	-	-	1	-
(140) SCHIZOPHRENIA, SCHIZOTYPAL AND DELUSIONAL DISORDERS	-	-	-	-	-	-	-	-	-	-	-	-
(141) MOOD (AFFECTIVE) DISORDERS	-	-	-	-	-	-	-	-	-	-	-	-

* ICD-10 SELECTED CAUSE-OF-DEATH LIST OF 358 LINE NUMBER ARE IN PARENTHESES. SEE PAGE 10 FOR CODES.

TABLE 6 (CONTINUED)

FREQUENCY OF DEATH BY SEX, AGE, AND UP TO 358 SELECTED UNDERLYING CAUSES
MONTANA RESIDENTS, 2000

CAUSE OF DEATH*	15 - 17 YEARS		18 - 19 YEARS		20 - 24 YEARS		25 - 29 YEARS		30 - 34 YEARS		35 - 39 YEARS	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
(143) MENTAL RETARDATION	-	-	-	-	-	-	-	-	1	-	-	-
(144) OTHER AND UNSPECIFIED MENTAL AND BEHAVIORAL DISORDERS	1	1	-	-	1	1	-	-	1	-	1	1
DISEASES OF THE NERVOUS SYSTEM												
(145) MENINGITIS	-	-	-	-	1	-	-	-	-	-	-	-
(146) OTHER INFLAMMATORY DISEASES OF CENTRAL NERVOUS SYSTEM	-	-	-	-	-	-	-	-	-	-	-	-
(147) PARKINSON'S DISEASE	-	-	-	-	-	-	-	-	-	-	-	-
(148) ALZHEIMER'S DISEASE	-	-	-	-	-	-	-	-	-	-	-	-
(149) MULTIPLE SCLEROSIS	-	-	-	-	-	-	-	-	1	-	-	1
(150) EPILEPSY	-	-	-	-	-	-	-	-	-	-	-	-
(151) TRANSIENT CEREBRAL ISCHEMIC ATTACKS AND RELATED SYNDROMES	-	-	-	-	-	-	-	-	-	-	-	-
(152) INFANTILE CEREBRAL PALSY	-	1	-	-	-	-	-	-	-	-	1	-
(153) ALL OTHER DISEASES OF NERVOUS SYSTEM	1	-	-	-	-	1	-	-	-	-	-	-
(155) DISEASES OF THE EAR AND MASTOID PROCESS	-	-	-	-	-	-	-	-	-	-	-	-
DISEASES OF THE CIRCULATORY SYSTEM	-	-	1	-	1	-	1	-	4	1	10	1
ACUTE RHEUMATIC FEVER AND CHRONIC RHEUMATIC HEART DISEASE	-	-	-	-	-	-	-	-	-	-	-	-
CHRONIC RHEUMATIC HEART DISEASES	-	-	-	-	-	-	-	-	-	-	-	-
(157) RHEUMATIC MITRAL VALVE DISEASE	-	-	-	-	-	-	-	-	-	-	-	-
(158) OTHER CHRONIC RHEUMATIC HEART DISEASE	-	-	-	-	-	-	-	-	-	-	-	-
HYPERTENSIVE DISEASES	-	-	-	-	-	-	-	-	-	-	-	-
(161) ESSENTIAL (PRIMARY) HYPERTENSION	-	-	-	-	-	-	-	-	-	-	-	-
(162) HYPERTENSIVE HEART DISEASE	-	-	-	-	-	-	-	-	-	-	-	-
(163) HYPERTENSIVE RENAL DISEASE	-	-	-	-	-	-	-	-	-	-	-	-
(164) HYPERTENSIVE HEART AND RENAL FAILURE	-	-	-	-	-	-	-	-	1	1	6	-
ISCHEMIC HEART DISEASES	-	-	1	-	-	-	-	-	1	1	3	-
(165) ACUTE MYOCARDIAL INFARCTION	-	-	1	-	-	-	-	-	-	-	-	-
(166) OTHER ACUTE ISCHEMIC HEART DISEASES	-	-	-	-	-	-	-	-	-	-	5	-
OTHER FORMS OF CHRONIC ISHCEMIC HEART DISEASE	-	-	-	-	-	-	-	-	-	-	2	-
(167(ATHEROSCLEROTIC CARDIOVASCULAR DISEASE, SO DESCRIBED	-	-	-	-	-	-	-	-	-	-	3	-
(168) ALL OTHER FORMS OF CHRONIC ISCHEMIC HEART DISEASE	-	-	-	-	1	-	-	-	1	-	1	-
OTHER HEART DISEASES	-	-	-	-	-	-	-	-	-	-	-	-
PULMONARY HEART DISEASE AND DISEASES OF PULMONARY CIRCULATION	-	-	-	-	-	-	-	-	-	-	-	-
(169) PULMONARY EMBOLISM	-	-	-	-	-	-	-	-	-	-	-	-
(170) OTHER PULMONARY HEART DISEASE AND DISEASES OF PULMONARY CIRCULATION	-	-	-	-	1	-	-	-	1	-	1	-
OTHER NON-PULMONARY FORMS OF HEART DISEASE	-	-	-	-	-	-	-	-	-	-	-	-
(171) ACUTE AND SUBACUTE ENDOCARDITIS	-	-	-	-	-	-	-	-	-	-	-	-
(172) DISEASES OF PERICARDIUM AND ACUTE MYOCARDITIS	-	-	-	-	-	-	-	-	-	-	-	-
OTHER DISEASES OF ENDOCARDIUM	-	-	-	-	-	-	-	-	-	-	-	-
(173) NONRHEUMATIC MITRAL VALVE DISORDERS	-	-	-	-	-	-	-	-	-	-	-	-
(174) NONRHEUMATIC AORTIC VALVE DISORDERS	-	-	-	-	-	-	-	-	-	-	-	-
(175) ALL OTHER DISEASES OF ENDOCARDIUM	-	-	-	-	-	-	-	-	-	-	-	-
(176) CARDIOMYOPATHY	-	-	-	-	-	-	-	-	-	-	1	-
(177) CONDUCTION DISORDERS AND CARDIAC DYSRHYTHMIAS	-	-	-	-	1	-	-	-	-	-	1	-
HEART FAILURE	-	-	-	-	-	-	-	-	-	-	-	-
(178) CONGESTIVE HEART FAILURE	-	-	-	-	-	-	-	-	-	-	-	-
(179) OTHER AND UNSPECIFIED HEART FAILURE	-	-	-	-	-	-	-	-	-	-	-	-
(180) MYOCARDITIS, UNSPECIFIED AND MYOCARDIAL DEGENERATION	-	-	-	-	-	-	-	-	1	-	-	-
(181) ALL OTHER AND ILL-DEFINED FORMS OF HEART DISEASE	-	-	-	-	-	-	1	-	1	-	-	1
CEREBROVASCULAR DISEASE	-	-	-	-	-	-	1	-	-	-	-	1
(182) SUBARACHNOID HEMORRHAGE	-	-	-	-	-	-	-	-	-	-	-	-
(183) INTRACEREBRAL AND OTHER INTRACRANIAL HEMORRHAGE	-	-	-	-	-	-	-	-	-	-	-	-
(184) CEREBRAL INFARCTION	-	-	-	-	-	-	-	-	1	-	-	-
(185) STROKE, NOT SPECIFIED AS HEMORRHAGE OR INFARCTION	-	-	-	-	-	-	-	-	-	-	-	-
(186) OTHER CEREBROVASCULAR DISEASES AND THEIR SEQUELAE	-	-	-	-	-	-	-	-	1	-	1	-
DISEASES OF ARTERIES, ARTERIOLES AND CAPILLARIES	-	-	-	-	-	-	-	-	-	-	-	-
(187) ATHEROSCLEROSIS	-	-	-	-	-	-	-	-	-	-	1	-
(188) AORTIC ANEURYSM AND DISSECTION	-	-	-	-	-	-	-	-	1	-	1	-
(189) OTHER DISEASES OF ARTERIES, ARTERIOLES AND CAPILLARIES	-	-	-	-	-	-	-	-	-	-	-	-
OTHER DISORDERS OF CIRCULATORY SYSTEM	-	-	-	-	-	-	-	-	-	-	-	-
(190) PHLEBITIS, THROMBOPHLEBITIS, VENOUS EMBOLISM AND THROMBOSIS	-	-	-	-	-	-	-	-	-	-	-	-
(191) ALL OTHER AND UNSPECIFIED DISORDERS OF CIRCULATORY SYSTEM	-	-	-	-	-	-	-	-	-	-	-	-

* ICD-10 SELECTED CAUSE-OF-DEATH LIST OF 358 LINE NUMBER ARE IN PARENTHESES SEE PAGE 10 FOR CODES.

TABLE 9 (CONTINUED)

FREQUENCY OF DEATH BY SEX, AGE, AND UP TO 358 SELECTED UNDERLYING CAUSES
MONTANA RESIDENTS, 2000

CAUSE OF DEATH*	15 - 17 YEARS		18 - 19 YEARS		20 - 24 YEARS		25 - 29 YEARS		30 - 34 YEARS		35 - 39 YEARS	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
DISEASES OF THE RESPIRATORY SYSTEM	-	-	-	-	1	-	-	-	1	1	1	1
OTHER DISEASES OF THE RESPIRATORY SYSTEM	-	-	-	-	1	-	-	-	1	1	1	1
(195) INFLUENZA	-	-	-	-	-	-	-	-	-	-	-	-
PNEUMONIA	-	-	-	-	1	-	-	-	-	-	-	1
(196) VIRAL PNEUMONIA, NOT ELSEWHERE CLASSIFIED	-	-	-	-	-	-	-	-	-	-	-	-
(197) BACTERIAL PNEUMONIA	-	-	-	-	-	-	-	-	-	-	-	-
(198) PNEUMONIA DUE TO OTHER OR UNSPECIFIED ORGANISMS	-	-	-	-	1	-	-	-	-	-	-	1
(201) OTHER DISEASES OF UPPER RESPIRATORY TRACT	-	-	-	-	-	-	-	-	-	-	-	-
CHRONIC LOWER RESPIRATORY DISEASE	-	-	-	-	-	-	-	-	-	-	-	-
BRONCHITIS, CHRONIC AND UNSPECIFIED, EMPHYSEMA AND ASTHMA	-	-	-	-	-	-	-	-	-	-	-	-
(202) BRONCHITIS, NOT SPECIFIED AS ACUTE OR CHRONIC	-	-	-	-	-	-	-	-	-	-	-	-
(204) EMPHYSEMA	-	-	-	-	-	-	-	-	-	-	-	-
(205) OTHER CHRONIC OBSTRUCTIVE PULMONARY DISEASE	-	-	-	-	-	-	-	-	-	-	-	-
(206) ASTHMA	-	-	-	-	-	-	-	-	-	-	-	-
(207) BRONCHIECTASIS	-	-	-	-	-	-	-	-	-	-	-	-
LUNG DISEASES DUE TO EXTERNAL AGENTS	-	-	-	-	-	-	-	-	-	-	1	-
(208) PNEUMONCONIOSES AND CHEMICAL EFFECTS	-	-	-	-	-	-	-	-	-	-	-	-
PNEUMONITIS DUE TO SOLIDS AND LIQUIDS	-	-	-	-	-	-	-	-	-	-	1	-
(209) PNEUMONITIS DUE TO FOOD AND VOMIT	-	-	-	-	-	-	-	-	-	-	1	-
(212) SUPPURATIVE AND NECROTIC CONDITIONS OF LOWER RESPIRATORY TRACT	-	-	-	-	-	-	-	-	-	-	-	-
(213) PLEURAL EFFUSION AND PLAQUE	-	-	-	-	-	-	-	-	-	-	-	-
(214) ALL OTHER DISEASES OF RESPIRATORY SYSTEM	-	-	-	-	-	-	-	-	1	1	-	-
DISEASES OF THE DIGESTIVE SYSTEM	1	1	-	-	-	-	-	1	-	1	5	4
(215) DISEASES OF ORAL CAVITY, SALIVARY GLANDS AND JAWS	-	-	-	-	-	-	-	-	-	-	-	-
DISEASES OF OTHER PARTS OF DIGESTIVE SYSTEM	1	1	-	-	-	-	-	1	-	1	5	4
(216) DISEASES OF ESOPHAGUS	-	-	-	-	-	-	-	-	-	-	-	-
PEPTIC ULCER	-	-	-	-	-	-	-	-	-	-	-	2
(217) GASTRIC ULCER	-	-	-	-	-	-	-	-	-	-	-	1
(218) DUODENAL ULCER	-	-	-	-	-	-	-	-	-	-	-	1
(219) PEPTIC ULCER, SITE UNSPECIFIED	-	-	-	-	-	-	-	-	-	-	-	-
(221) GASTRITIS AND DUODENITIS	-	-	-	-	-	-	-	-	-	-	-	-
(222) DYSPEPSIA AND OTHER DISEASES OF STOMACH AND DUODENUM	-	-	-	-	-	-	-	-	-	-	-	-
(223) DISEASES OF APPENDIX	-	-	-	-	-	-	-	-	-	-	-	-
(224) HENIA	-	1	-	-	-	-	-	-	-	-	-	-
(225) CROHN'S DISEASE AND ULCERATIVE COLITIS	-	-	-	-	-	-	-	-	-	-	-	-
(226) VASCULAR DISORDERS AND OBSTRUCTION OF INTESTINE WITHOUT HERNIA	-	-	-	-	-	-	-	-	-	-	-	-
(227) DIVERTICULAR DISEASE OF INTESTINE	-	-	-	-	-	-	-	-	-	-	-	-
(228) OTHER DISEASES OF INTESTINES AND PERITONEUM	-	-	-	-	-	-	-	-	1	-	-	-
(229) DISEASES OF PERITONEUM	-	-	-	-	-	-	-	-	-	-	-	-
DISEASES OF LIVER	-	-	-	-	-	-	-	1	-	-	5	1
(230) ALCHOLIC LIVER DISEASE	-	-	-	-	-	-	-	1	-	-	4	1
(232) FIBROSIS AND CIRRHOSIS OF LIVER	-	-	-	-	-	-	-	-	-	-	1	-
(233) OTHER DISEASES OF LIVER	-	-	-	-	-	-	-	-	-	-	-	-
(234) CHOLELITHIASIS AND OTHER DISORDERS OF GALLBLADDER	-	-	-	-	-	-	-	-	-	-	-	-
DISORDERS OF BILIARY TRACT AND PANCREAS	-	1	-	-	-	-	-	-	-	-	-	-
(235) PANCREATITIS	-	1	-	-	-	-	-	-	-	-	-	-
(236) OTHER DISORDERS OF BILIARY TRACT AND PANCREAS	-	-	-	-	-	-	-	-	-	-	-	-
(237) ALL OTHER DISEASES OF DIGESTIVE SYSTEM	-	-	-	-	-	-	-	-	-	-	-	1
DISEASES OF THE SKIN AND SUBCUTANEOUS TISSUE	-	-	-	-	-	-	-	-	-	-	-	-
(238) INFECTIONS OF SKIN AND SUBCUTANEOUS TISSUE	-	-	-	-	-	-	-	-	-	-	-	-
(239) OTHER AND UNSPECIFIED DISEASES OF SKIN AND SUBCUTANEOUS TISSUE	-	-	-	-	-	-	-	-	-	-	-	-
DISEASES OF THE MUSCUOLSKELETAL SYSTEM AND CONNECTIVE TISSUE	-	-	-	-	-	-	-	-	-	-	-	1
(240) RHEUMATOID ARTHRITIS AND RELATED INFLAMMATORY POLYARTHROPATHIES	-	-	-	-	-	-	-	-	-	-	-	-
(241) SYSTEMIC LUPUS ERYTHEMATOSUS	-	-	-	-	-	-	-	-	-	-	-	-
(242) OTHER ARTHROPATHIES AND RELATED DISORDERS	-	-	-	-	-	-	-	-	-	-	-	1
(243) DORSOPATHIES	-	-	-	-	-	-	-	-	-	-	-	-
(244) SOFT TISSUE DISORDERS	-	-	-	-	-	-	-	-	-	-	-	-
OSTEOPATHIES, CHRONDROPATHIES AND OTHER DISORDERS OF MUSCULOSKELETAL SYSTEM AND CONNECTIVE TISSUE	-	-	-	-	-	-	-	-	-	-	-	-
(245) OSTEOPOROSIS	-	-	-	-	-	-	-	-	-	-	-	-
DISEASES OF THE GENITOURINARY SYSTEM	-	-	-	-	-	-	-	-	-	1	-	-

* ICD-10 SELECTED CAUSE-OF-DEATH LIST OF 358 LINE NUMBER ARE IN PARENTHESES. SEE PADE 10 FOR CODES.

TABLE 6 (CONTINUED)

FREQUENCY OF DEATH BY SEX, AGE, AND UP TO 358 SELECTED UNDERLYING CAUSES
MONTANA RESIDENTS, 2000

CAUSE OF DEATH*	15 - 17 YEARS		18 - 19 YEARS		20 - 24 YEARS		25 - 29 YEARS		30 - 34 YEARS		35 - 39 YEARS	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
DISEASES OF URINARY SYSTEM	-	-	-	-	-	-	-	-	-	1	-	-
GLOMERULAR AND RENAL TUBULO-INTERSTITIAL DISEASES	-	-	-	-	-	-	-	-	-	-	-	-
GLOMERULAR DISEASES	-	-	-	-	-	-	-	-	-	-	-	-
(248) NEPHROTIC SYNDROME	-	-	-	-	-	-	-	-	-	-	-	-
(249) OTHER AND UNSPECIFIED GLOMERULAR DISEASES	-	-	-	-	-	-	-	-	-	-	-	-
(250) RENAL TUBULO-INTERSTITIAL DISEASES	-	-	-	-	-	-	-	-	-	-	-	-
(251) RENAL FAILURE	-	-	-	-	-	-	-	-	-	1	-	-
(252) UROLITHIASIS	-	-	-	-	-	-	-	-	-	-	-	-
(253) OTHER AND UNSPECIFIED DISORDERS OF KIDNEY	-	-	-	-	-	-	-	-	-	-	-	-
(254) URINARY TRACT INFECTIONS, SITE NOT SPECIFIED	-	-	-	-	-	-	-	-	-	-	-	-
(255) OTHER DISEASES OF URINARY TRACT	-	-	-	-	-	-	-	-	-	-	-	-
DISEASES OF MALE GENITAL ORGANS	-	-	-	-	-	-	-	-	-	-	-	-
(256) HYPERPLASIA OF PROSTATE	-	-	-	-	-	-	-	-	-	-	-	-
(272) OTHER DEATHS RELATED TO PREGNANCY, CHILDBIRTH AND THE PUERPERIUM	-	-	-	-	-	-	-	1	-	-	-	-
(273) INDIRECT OBSTETRIC DEATHS	-	-	-	-	-	-	-	1	-	-	-	-
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	-	-	-	-	-	-	1	-	-	-	-	-
(274) NEWBORN AFFECTED BY MATERNAL FACTORS AND BY COMPLICATIONS OF PREGNANCY, LABOR AND DELIVERY	-	-	-	-	-	-	-	-	-	-	-	-
(275) DISORDERS RELATED TO SHORT GESTATION AND LOW BIRTH WEIGHT, NOT ELSEWHERE CLASSIFIED	-	-	-	-	-	-	-	-	-	-	-	-
(277) INTRAUTERINE HYPOXIA AND BIRTH ASPHYXIA	-	-	-	-	-	-	-	-	-	-	-	-
(279) OTHER RESPIRATORY CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	-	-	-	-	-	-	-	-	-	-	-	-
(280) INFECTIONS SPECIFIC TO THE PERINATAL PERIOD	-	-	-	-	-	-	-	-	-	-	-	-
(281) OTHER AND UNSPECIFIED CONDITIDNS ORIGINATING IN THE PERINATAL PERIOD	-	-	-	-	-	-	1	-	-	-	-	-
CONGENITAL MALFORMATIONS, DEFORMATIONS AND CHROMOSOMAL ABNORMALITIES	-	-	-	-	-	-	-	-	1	-	-	-
(283) SPINA BIFIDA	-	-	-	-	-	-	-	-	-	-	-	-
(284) ALL OTHER CONGENITAL MALFORMATIONS OF NERVOUS SYSTEM	-	-	-	-	-	-	-	-	-	-	-	-
(285(CONGENITAL MALFORMATIONS OF HEART	-	-	-	-	-	-	-	-	1	-	-	-
(286) OTHER CONGENITAL MALFORMATIONS OR CIRCULATORY SYSTEM	-	-	-	-	-	-	-	-	-	-	-	-
(287) CONGENITAL MALFORMATIONS OF RESPIRATORY SYSTEM	-	-	-	-	-	-	-	-	-	-	-	-
(288) OTHER CONGEITAL MALFORMATIONS AND DEFORMATIONS	-	-	-	-	-	-	-	-	-	-	-	-
(289) DOWN'S SYNDROME	-	-	-	-	-	-	-	-	-	-	-	-
(290) ALL OTHER CHROMOSOMAL ABNORMALITIES, NOT ELSEWHERE CLASSIFIED	-	-	-	-	-	-	-	-	-	-	-	-
SYMPTOMS, SIGNS AND ABNORMAL CLINICAL AND LABORATORY FINDINGS, NOT ELSEWHERE CLASSIFIED	-	2	-	-	-	-	1	-	1	1	1	3
(291) SENILITY	-	-	-	-	-	-	-	-	-	-	-	-
ILL-DEFINED AND UNKNOWN CAUSE OR MORTALITY	-	2	-	-	-	-	-	-	-	1	-	1
(292) SUDDEN INFANT DEATH SYNDROME	-	-	-	-	-	-	-	-	-	-	-	-
(293) OTHER ILL-DEFINED AND UNKNOWN CAUSES OF MORTALITY	-	2	-	-	-	-	-	-	-	1	-	1
(294) ALL OTHER SYMPTOMS, SIGNS AND ABNORMAL CLINICAL AND LABORATORY FINDINGS, NOT ELSEWHERE CLASSIFIED	-	-	-	-	-	-	1	-	1	-	1	2
EXTERNAL CAUSES OF MORTALITY	24	11	13	10	48	8	31	12	34	10	50	14
ACCIDENTS	19	11	6	7	24	6	22	6	18	6	31	8
TRANSPORT ACCIDENTS	15	8	7	6	18	5	18	5	12	6	15	6
(296) RAILWAY ACCIDENTS	-	-	1	-	-	-	-	-	-	-	-	-
MOTOR VEHICLE ACCIDENTS	15	8	6	6	17	5	17	4	12	6	12	6
(296) PEDESTRIAN COLLISION WITH MOTOR VEHICLE	-	-	-	-	-	-	-	2	-	-	-	1
(297) PEDALCYCLIST COLLISION WITH MOTOR VEHICLE	1	-	1	-	-	-	-	-	-	-	1	-
(298) MOTORCYCLIST ANY ACCIDENT EXCEPT COLLISION WITH RAILWY CAR	-	-	-	-	3	-	1	-	-	-	2	-
MOTOR VEHICLE ACCIDENT WITH RAILWAY TRAIN	-	-	-	-	-	-	-	-	-	-	-	-
(300) OTHER MOTOR VEHICLE COLLISION WITH RAILWAY TRAIN	-	-	-	-	-	-	-	-	-	-	-	-
(301) MOTOR VEHICLE COLLISION WITH OTHER (NON-MOTORIZED) ROAD VEHICLE, STREETCAR, ANIMAL OR PEDESTRIN	1	2	1	1	5	1	4	1	1	1	2	-
(302) CAR, PICKUP TRUCK OR VAN COLLISION WITH OTHER MOTOR VEHICLE	3	2	2	2	4	2	5	1	1	2	3	3
(303) HEAVY TRANSPORT VEHICLE OR BUS COLLISION WITH OTHER MOTOR VEHICLE	1	-	-	-	-	-	-	-	-	-	-	-
(304) MOTOR VEHICLE NONCOLLISION ACCIDENT	8	5	2	3	4	1	5	-	8	2	4	2
(305) SPECIAL-USE MOTOR VEHICLE ANY ACCIDENT	1	-	-	-	-	-	-	-	2	-	-	-
(306) OTHER AND UNSPECIFIED MOTOR VEHICLE ACCIDENTS	-	-	-	-	1	1	2	-	-	1	-	-
(308) OTHER AND UNSPECIFIED LAND TRANSPORT ACCIDENTS	-	-	-	-	-	-	-	1	-	-	1	-
(309) WATER TRANSPORT ACCIDENTS	-	-	-	-	1	-	1	-	-	-	-	-
(310) AIR AND SPACE TRANSPORT ACCIDENTS	-	-	-	-	-	-	-	-	-	-	1	-
(311) OTHER AND UNSPECIFIED TRANSPORT ACCIDENTS AND THEIR SEQUELAE	-	-	-	-	-	-	-	-	-	-	1	-
FALLS	2	-	-	1	-	-	1	2	1	-	4	-
(312) FALL ON SAME LEVEL	-	-	-	-	-	-	-	1	-	-	-	-
(313) FALL FROM ONE LEVEL TO ANOTHER	1	-	-	1	-	-	1	1	1	-	4	-

* ICD-10 SELECTED CAUSE-OF-DEATH LIST OF 358 LINE NUMBER ARE IN PARENTHESES. SEE PAGE 10 FOR CODES.

TABLE 9 (CONTINUED)

FREQUENCY OF DEATH BY SEX, AGE, AND UP TO 358 SELECTED UNDERLYING CAUSES
MONTANA RESIDENTS, 2000

CAUSE OF DEATH*	15 - 17 YEARS		18 - 19 YEARS		20 - 24 YEARS		25 - 29 YEARS		30 - 34 YEARS		35 - 39 YEARS	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
(314) UNSPECIFIED FALL	1	-	-	-	-	-	-	-	-	-	-	-
(315) ACCIDENTAL DISCHARGE OF FIREARMS	1	-	-	-	1	-	-	-	-	-	-	-
(317) ACCIDENTAL DROWNING AND SUBMERSION	1	1	1	-	1	-	-	-	2	-	4	-
(318) ACCIDENTAL INHALATION AND INGESTION OF FOOD OR OTHER OBJECTS CAUSING OBSTRUCTION OF RESPIRATORY TRACT	-	-	-	-	-	-	-	-	-	-	1	-
(319) OTHER ACCIDENTAL AND UNSPECIFIED THREATS TO BREATHING	-	-	-	-	1	-	-	-	-	-	-	1
(322) ACCIDENTAL EXPOSURE TO SMOKE, FIRE AND FLAMES	-	-	-	-	-	-	-	-	-	-	-	-
(325) EARTHQUAKE, VOLCANIC ERUPTION, AVALANCHE, LANDSLIDE AND OTHER EARTH MOVEMENTS	-	-	-	-	-	-	2	-	1	-	-	-
ACCIDENTAL POISONING AND EXPOSURE TO NOXIOUS SUBSTANCES	-	1	-	-	2	1	1	1	2	-	2	1
(327) BY AND EXPOSURE TO DRUGS AND OTHER BIOLOGICAL SUBSTANCES	-	-	-	-	2	1	1	1	1	-	1	1
(328) BY AND EXPOSURE TO OTHER AND UNSPECIFIED SOLID OR LIQUID SUBSTANCES	-	1	-	-	-	-	-	-	-	-	1	-
(329) BY AND EXPOSURE TO OTHER GASES AND VAPORS	-	-	-	-	-	-	-	-	1	-	-	-
(330) ALL OTHER AND UNSPECIFIED ACCIDENTS AND THEIR SEQUELAE	-	-	1	-	1	-	-	-	-	-	5	-
INTENTIONAL SELF-HARM AND SELF-POISONING (SUICIDE)	4	-	4	1	11	-	8	2	14	2	15	4
(331) POISONING BY AND EXPOSURE TO DRUGS AND OTHER BIOLOGICAL SUBSTANCES	-	-	-	-	-	-	-	-	1	-	1	1
(332) POISONING BY AND EXPOSURE TO OTHER AND UNSPECIFIED SOLID OR LIQUID SUBSTANCES AND THEIR VAPORS	-	-	-	-	1	-	-	-	-	-	-	-
(333) POISONING BY AND EXPOSURE TO GASES AND VAPORS	1	-	-	-	-	-	-	-	1	-	-	1
(334) BY HANGING, STRANGULATION AND SUFFOCATION	1	-	1	-	-	-	5	1	1	-	2	1
(335) BY DISCHARGE OF FIREARMS	2	-	3	1	9	-	3	1	11	1	11	1
(337) BY ALL OTHER AND UNSPECIFIED MEANS AND THEIR SEQUELAE	-	-	-	-	1	-	-	-	-	1	1	-
ASSAULT (HOMICIDE)	1	-	-	2	9	-	1	1	2	2	2	-
(338) BY DRUGS, BIOLOGICAL SUBSTANCES AND OTHER AND UNSPECIFIED NOXIOUS SUBSTANCES	-	-	-	-	-	-	-	-	-	1	-	-
(339) BY HANGING, STRANGULATION AND SUFFOCATION	-	-	-	-	1	-	-	-	-	-	-	-
(340) BY DISCHARGE OF FIREARMS	1	-	-	-	5	-	-	-	1	1	-	-
(341) BY SHARP OBJECT	-	-	-	1	2	-	1	-	1	-	-	-
(342) BY BLUNT OBJECT	-	-	-	-	-	-	-	-	-	-	-	-
(345) NEGLECT, ABANDONMENT AND OTHER MALTREATMENT SYNDROMES	-	-	-	-	-	-	-	-	-	-	-	-
(346) ASSAULT (HOMICIDE) BY ALL OTHER AND UNSPECIFIED MEANS AND THEIR SEQUELAE	-	-	-	1	1	-	-	1	-	-	2	-
EVENT OF UNDETERMINED INTENT	-	-	-	-	2	-	-	1	-	-	1	2
(347) POISONING BY AND EXPOSURE TO DRUGS AND BIOLOGICAL SUBSTANCES, UNDTERMINED INTENT	-	-	-	-	1	-	-	1	-	-	1	2
(351) DISCHARGE OF FIREARMS, UNDTERMINED INTENT	-	-	-	-	-	-	-	-	-	-	-	-
(352) ALL OTHER AND UNSPECIFIED EVENTS OF UNDETERMINED INTENT AND THEIR SEQUELAE	-	-	-	-	1	-	-	-	-	-	-	-
LEGAL INTERVENTION	-	-	-	-	-	-	-	-	-	-	1	-
(354) OTHER LEGAL INTERVENTION AND THEIR SEQUELAE	-	-	-	-	-	-	-	-	-	-	1	-
COMPLICATIONS OF MEDICAL AND SURGICAL CARE	-	-	-	-	-	-	-	-	-	-	-	-
(356)DRUGS, MEDICAMENTS AND BIOLOGICAL SUBSTANCES CAUSING ADVERSE EFFECTS IN THERAPEUTIC USE, AND THEIR SEQUELAE	-	-	-	-	-	-	-	-	-	-	-	-
(357) MISADVENTURES TO PATIENTS DURING MEDICAL AND SURGICAL CARE, AND THEIR SEQUELAE	-	-	-	-	-	-	-	-	-	-	-	-
(358) OTHER COMPLICATIONS OF MEDICAL AND SURGICAL CARE AND THEIR SEQUELAE	-	-	-	-	-	-	-	-	-	-	-	-

* ICD-10 SELECTED CAUSE-OF-DEATH LIST OF 358 LINE NUMBER ARE IN PARENTHESES. SEE PAGE 10 FOR CODES.

TABLE 8 (CONTINUED)

FREQUENCY OF DEATH BY SEX, AGE, AND UP TO 358 SELECTED UNDERLYING CAUSES
MONTANA RESIDENTS, 2000

CAUSE OF DEATH*	40-44 YEARS		45 - 49 YEARS		50 - 54 YEARS		55 - 59 YEARS		60 - 64 YEARS		65 - 69 YEARS	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
ALL CAUSES	87	44	135	53	181	98	191	141	275	168	334	235
CERTAIN INFECTIOUS AND PARASITIC DISEASES	2	3	6	1	8	-	3	-	4	2	4	1
INTESTINAL INFECTIOUS DISEASES	-	-	-	-	-	-	-	-	-	-	-	-
OTHER INTESTINAL INFECTIOUS DISEASES	-	-	-	-	-	-	-	-	-	-	-	-
(7) INTESTINAL INFECTIONS DUE TO OTHER SPECIFIED ORGANISMS	-	-	-	-	-	-	-	-	-	-	-	-
TUBERCULOSIS	-	-	1	-	-	-	-	-	-	-	-	-
(9) RESPIRATORY	-	-	-	-	-	-	-	-	-	-	-	-
(10) OTHER TUBERCULOSIS	-	-	1	-	-	-	-	-	-	-	-	-
ZOONOTIC AND OTHER BACTERIAL DISEASES	-	2	5	-	2	-	1	-	3	2	3	-
(18) SEPTICEMIA	-	2	5	-	2	-	1	-	3	2	3	-
(19) OTHER ZOONOTIC AND BACTERIAL DISEASES	-	-	-	-	-	-	-	-	-	-	-	-
VIRAL DISEASES	2	1	2	1	4	-	2	-	-	-	1	-
(34) ZOSTER (HERPES ZOSTER)	-	-	-	-	-	-	-	-	-	-	-	-
(38) VIRAL HEPATITIS	-	1	1	1	1	-	2	-	-	-	-	-
HUMAN IMMUNODEFICIENCY VIRUS (HIV) DISEASE	2	-	1	-	3	-	-	-	-	-	1	-
(39) RESULTING IN INFECTIOUS AND PARASITIC DISEASE	-	-	1	-	2	-	-	-	-	-	1	-
(42) RESULTING IN OTHER CONDITIONS	1	-	-	-	-	-	-	-	-	-	-	-
(43) UNSPECIFIED HUMAN IMMUNODEFICIENCY VIRUS (HIV) DISEASE	1	-	-	-	1	-	-	-	-	-	-	-
(44) ALL OTHER AND UNSPECIFIED VIRAL DISEASES	-	-	-	-	-	-	-	-	-	-	-	-
OTHER AND UNSPECIFIED INFECTIONS AND PARASITIC DISEASES AND THEIR SEQUELAE	-	-	-	-	2	-	-	-	1	-	-	1
(54) SEQUELAE OF POLIOMYELITIS	-	-	-	-	-	-	-	-	-	-	-	-
(55) ALL OTHER AND UNSPECIFIED INFECTIONS AND PARASITIC DISEASES AND THEIR SEQUELAE	-	-	-	-	2	-	-	-	1	-	-	1
NEOPLASMS	18	10	22	24	53	38	84	65	91	68	118	106
MALIGNANT NEOPLASMS	16	10	22	23	52	37	63	64	90	68	118	105
MALIGNANT NEOPLASMS OF LIP, ORAL CAVITY AND PHARYNX	-	-	-	1	-	1	2	-	1	2	4	1
(56) OF LIP	-	-	-	-	-	-	1	-	-	-	-	-
(57) OF TONGUE	-	-	-	-	-	1	-	-	-	1	1	-
(58) OF PHARYNX	-	-	-	1	-	-	-	-	1	-	2	1
(59) OF OTHER AND UNSPECIFIED SITES WITHIN THE LIP, ORAL CAVITY AND PHARYNX	-	-	-	-	-	-	1	-	-	1	1	-
MALIGNANT NEOPLASMS OF DIGESTIVE ORGANS	3	2	7	3	16	10	21	1	24	16	36	23
(50) OF ESOPHAGUS	-	-	1	-	2	-	7	1	5	-	6	-
(51) OF STOMACH	1	-	-	-	-	-	1	-	2	2	-	-
(52) OF SMALL INTESTINE	-	-	-	-	-	-	1	-	-	-	-	-
OF COLON, RECTUM AND ANUS	1	2	3	2	6	6	6	-	10	7	16	13
(53) COLON	1	1	3	2	6	4	6	-	7	3	12	11
(54) RECTOSIGMOID JUNCTION AND RECTUM	-	1	-	-	-	2	-	-	3	4	4	2
(55) ANUS AND ANAL CANAL	-	-	-	-	-	-	-	-	-	-	-	-
OF LIVER AND INTRAHEPATIC BILE DUCTS	1	-	1	1	1	2	2	-	-	1	4	1
(56) LIVER	-	-	-	1	1	2	2	-	-	-	3	1
(57) INTRAHEPATIC BILE DUCT CARCINOMA	1	-	1	-	-	-	-	-	-	1	1	-
(58) OF GALLBLADDER AND EXTRAHEPATIC BILE DUCTS	-	-	1	-	-	-	-	-	-	-	-	1
(59) OF PANCREAS	-	-	1	-	7	2	4	-	7	6	10	6
(70) OF OTHER AND ILL-DEFINED DIGESTIVE ORGANS	-	-	-	-	-	-	-	-	-	-	-	-
MALIGNANT NEOPLASMS OF RESPIRATORY AND INTRATHORACIC ORGANS	1	-	4	1	14	4	19	16	29	17	34	30
(71) OF NASAL CAVITY, MIDDLE EAR AND ACCESSORY SINUSES	-	-	-	-	-	-	-	-	1	-	-	1
(72) OF LARYNX	-	-	-	-	-	-	-	-	3	-	-	-
(73) OF TRACHEA, BRONCHUS AND LUNG	1	-	4	1	14	4	19	18	25	17	34	29
(74) OF THYMUS, HEART, MEDIASTINUM AND PLEURA	-	-	-	-	-	-	-	-	-	-	-	-
(76) MALIGNANT NEOPLASMS OF BONE AND ARTICULAR CARTILAGE	-	-	-	-	1	-	-	-	-	-	-	-
MELANOMA AND OTHER MALIGNANT NEOPLASMS OF SKIN	-	-	-	-	4	-	-	-	3	-	3	3
(77) MALIGNANT MELANOMA OF SKIN	-	-	-	-	4	-	-	-	2	-	2	3
(78) OTHER MALIGNANT NEOPLASMS OF SKIN	-	-	-	-	-	-	-	-	1	-	1	-
MALIGNANT NEOPLASMS OF MESOTHELIAL AND SOFT TISSUE	-	1	1	1	1	1	3	1	-	-	2	-
(79) MESOTHELIOMA	-	1	-	1	1	-	3	-	-	-	1	-
(81) OF OTHER MESOTHELIAL AND SOFT TISSUE	-	-	1	-	-	1	-	1	-	-	1	-
(82) MALIGNANT NEOPLASM OF BREAST	-	3	1	9	-	10	-	16	-	10	-	15
MALIGNANT NEOPLASMS OF FEMALE GENITAL ORGANS	-	1	-	3	-	5	-	9	-	10	-	5
(83) OF VULVA AND VAGINA	-	-	-	-	-	-	-	-	-	-	-	-
(84) OF CERVIX UTERI	-	1	-	1	-	2	-	1	-	-	-	-
(85) OF CORPUS UTERI AND UTERUS, PART UNSPECIFIED	-	-	-	-	-	-	-	3	-	2	-	2

* ICD-10 SELECTED CAUSE-OF-DEATH LIST OF 358 LINE NUMBER ARE IN PARENTHESES. SEE PAGE 19 FOR CODES.

TABLE 9 (CONTINUED)

FREQUENCY OF DEATH BY SEX, AGE, AND UP TO 358 SELECTED UNDERLYING CAUSES
MONTANA RESIDENTS, 2000

CAUSE OF DEATH*	40-44 YEARS		45 - 49 YEARS		50 - 54 YEARS		55 - 59 YEARS		60 - 64 YEARS		65 - 69 YEARS	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
(86) OF OVARY	-	-	-	2	-	3	-	5	-	6	-	2
(87) OF OTHER AND UNSPECIFIED FEMALE GENITAL ORGANS	-	-	-	-	-	-	-	-	-	2	-	1
MALIGNANT NEOPLASMS OF MALE GENITAL ORGANS	2	-	1	-	-	-	3	-	4	-	9	-
(89) OF PROSTATE	-	-	-	-	-	-	2	-	4	-	9	-
(90) OF TESTIS	2	-	-	-	-	-	1	-	-	-	-	-
(91) OF PENIS AND OTHER AND UNSPECIFIED MALE GENITAL ORGANS	-	-	1	-	-	-	-	-	-	-	-	-
MALIGNANT NEOPLASMS OF URINARY TRACT	1	-	1	-	5	1	3	3	6	2	5	2
(92) OF KIDNEY AND RENAL PELVIS	1	-	1	-	4	1	1	2	3	1	2	2
(93) OF BLADDER	-	-	-	-	1	-	2	-	3	1	3	-
(94) OF OTHER AND UNSPECIFIED SITES WITHIN THE URINARY TRACT	-	-	-	-	-	-	-	1	-	-	-	-
MALIGNANT NEOPLASMS OF MENINGES, BRAIN AND OTHER PARTS OF CENTRAL NERVOUS SYSTEM	1	2	-	1	3	1	1	3	3	1	6	6
(96) OF BRAIN	1	2	-	1	3	1	1	3	3	1	6	5
(97) OF OTHER PARTS OF CENTRAL NERVOUS SYSTEM	-	-	-	-	-	-	-	-	-	-	-	1
(98) MALIGNANT NEOPLASMS OF THYROID AND OTHER ENDOCRINE GLANDS	-	-	2	-	-	-	-	1	1	-	-	-
(99) OTHER MALIGNANT NEOPLASMS OF OTHER AND UNSPECIFIED SITES	3	1	5	2	3	-	4	7	7	5	9	8
MALIGNANT NEOPLASMS OF LYMPHOID, HEMATOPOIETIC AND RELATED TISSUE	5	-	-	2	5	4	7	3	12	5	6	12
(100) HODGKIN'S DISEASE	1	-	-	-	1	-	-	-	-	-	-	-
OF OTHER LYMPHOID, HEMATOPOIETIC AND RELATED TISSUE	2	-	-	1	-	2	6	1	4	1	3	6
(101) NON-HODGKIN'S LYMPHOMA	2	-	-	1	-	2	6	1	4	1	3	6
(102) OF OTHER AND UNSPECIFIED LYMPHOID, HEMATOPOIETIC AND RELATED TISSUE	-	-	-	-	-	-	-	-	-	-	-	-
(103) MALIGNANT IMMUNOPROLIFERATIVE DISEASES	-	-	-	-	-	-	-	-	-	-	-	-
(104) MULTIPLE MYELOMA AND MALIGNANT PLASMA CELL NEOPLASMS	-	-	-	1	-	1	1	1	3	1	-	2
LEUKEMIA	2	-	-	-	4	1	-	1	5	3	5	4
(105) LYMPHOID LEUKEMIA	1	-	-	-	1	-	-	-	1	-	3	1
(106) MYELOID LEUKEMIA	1	-	-	-	3	1	-	1	3	2	2	2
(108) OTHER AND UNSPECIFIED LEUKEMIA	-	-	-	-	-	-	-	-	1	1	-	1
BENIGN NEOPLASMS	-	-	-	-	-	-	-	-	1	-	-	-
(112) OF EYE, BRAIN AND OTHER PARTS OF CENTRAL NERVOUS SYSTEM	-	-	-	-	-	-	-	-	1	-	-	-
(113) OF OTHER AND UNSPECIFIED SITES	-	-	-	-	-	-	-	-	-	-	-	-
(114) NEOPLASMS OF UNCERTAIN OR UNKNOWN BEHAVIOR OF SPECIFIED SITES	-	-	-	1	1	1	1	1	-	2	1	-
(115) NEOPLASM OF UNCERTAIN OR UNKNOWN BEHAVIOR OF UNSPECIFIED SITES	-	-	-	-	-	-	-	-	-	-	-	-
DISEASES OF THE BLOOD AND BLOOD FORMING ORGANS AND CERTAIN DISORDERS INVOLVING THE IMMUNE MECHANISM	-	-	1	-	-	-	-	-	1	-	-	2
ANEMIAS	-	-	-	-	-	-	-	-	-	-	-	1
(117) HEMOLYTIC ANEMIAS	-	-	-	-	-	-	-	-	-	-	-	-
(118) APLASTIC ANEMIAS	-	-	-	-	-	-	-	-	-	-	-	-
(119) ACUTE POSTHEMORRHAGIC AND OTHER ANEMIAS	-	-	-	-	-	-	-	-	-	-	-	1
(120) COAGULATION DEFECTS, PURPURA AND OTHER HEMORRHAGIC CONDITIONS	-	-	1	-	-	-	-	-	1	-	-	-
(121) OTHER DISEASES OF BLOOD AND BLOOD-FORMING ORGANS	-	-	-	-	-	-	-	-	-	-	-	1
ENDOCRINE, NUTRITIONAL AND METABOLIC DISEASES	3	2	5	3	1	2	8	8	6	12	8	8
ENDOCRINE DISEASES	3	2	5	3	1	2	7	7	5	11	6	3
(123) DISORDERS OF THYROID GLAND	-	-	-	-	-	-	-	1	-	-	-	-
(124) DIABETES MELLITUS	3	1	5	3	1	2	7	5	5	11	6	3
(126) DISORDERS OF ADRENAL GLANDS	-	1	-	-	-	-	-	1	-	-	-	-
NUTRITIONAL DISEASES	-	-	-	-	-	-	1	1	-	-	-	1
MALNUTRITION	-	-	-	-	-	-	-	-	-	-	-	-
(130) OTHER AND UNSPECIFIED MALNUTRITION	-	-	-	-	-	-	-	1	-	-	-	-
(131) OTHER NUTRITIONAL DEFICIENCIES	-	-	-	-	-	-	1	-	-	-	-	1
(132) OBESITY AND OTHER HYPERALIMENTATION	-	-	-	-	-	-	-	1	1	1	1	2
METABOLIC DISORDERS	-	-	-	-	-	-	-	-	-	-	-	-
(133) CYSTIC FIBROSIS	-	-	-	-	-	-	-	1	-	-	-	-
(134) VOLUME DEPLETION, DISORDERS OF FLUID, ELECTROLYTE AND ACID-BASE BALANCE	-	-	-	-	-	-	-	-	1	1	1	2
(135) OTHER METABOLIC DISORDERS	3	-	5	1	4	1	4	1	5	2	-	2
MENTAL AND BEHAVIORAL DISORDERS	-	-	-	-	-	-	-	-	1	-	-	2
(136) ORGANIC DEMENTIA	-	-	-	-	-	-	-	-	-	1	-	-
(137) OTHER AND UNSPECIFIED ORGANIC MENTAL DISORDERS	3	-	5	-	4	1	4	1	4	1	-	-
MENTAL AND BEHAVIORAL DISORDERS DUE TO PSYCHOACTIVE SUBSTANCE USE	3	-	4	-	3	1	3	1	4	1	-	-
(138) MENTAL AND BEHAVIORAL DISORDERS DUE TO USE OF ALCOHOL	-	-	1	-	1	-	1	-	-	-	-	-
(139) MENTAL AND BEHAVIORAL DISORDERS DUE TO OTHER PSYCHOACTIVE SUBSTANCE USE	-	-	-	-	-	-	-	-	-	-	-	-
(140) SCHIZOPHRENIA, SCHIZOTYPAL AND DELUSIONAL DISORDERS	-	-	-	1	-	-	-	-	-	-	-	-
(141) MOOD (AFFECTIVE) DISORDERS	-	-	-	-	-	-	-	-	-	-	-	-

* ICD-19 SELECTED CAUSE-OF-DEATH LIST OF 358 LINE NUMBER ARE IN PARENTHESES. SEE PAGE 10 FOR CODES.

TABLE 9 (CONTINUED)

FREQUENCY OF DEATH BY SEX, AGE, AND UP TO 358 SELECTED UNDERLYING CAUSES
MONTANA RESIDENTS, 2000

CAUSE OF DEATH*	40-44 YEARS		45 - 49 YEARS		50 - 54 YEARS		55 - 59 YEARS		60 - 64 YEARS		65 - 69 YEARS	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
(143) MENTAL RETARDATION	-	-	-	-	-	-	-	-	-	-	-	-
(144) OTHER AND UNSPECIFIED MENTAL AND BEHAVIORAL DISORDERS	-	-	-	-	-	-	-	-	-	-	-	-
DISEASES OF THE NERVOUS SYSTEM	4	2	4	-	3	9	3	2	9	3	7	3
(145) MENINGITIS	-	-	-	-	-	1	-	-	-	-	1	-
(146) OTHER INFLAMMATORY DISEASES OF CENTRAL NERVOUS SYSTEM	-	-	-	-	-	-	-	-	-	-	-	-
(147) PARKINSON'S DISEASE	-	-	-	-	-	1	1	-	1	1	-	-
(148) ALZHEIMER'S DISEASE	-	-	-	-	-	-	1	-	-	-	2	1
(149) MULTIPLE SCLEROSIS	1	1	3	-	1	3	-	-	2	-	2	1
(150) EPILEPSY	1	1	-	-	1	-	-	-	-	-	-	-
(151) TRANSIENT CEREBRAL ISCHEMIC ATTACKS AND RELATED SYNDROMES	-	-	-	-	-	-	-	-	-	-	-	-
(152) INFANTILE CEREBRAL PALSY	-	-	-	-	-	-	-	-	-	-	-	-
(153) ALL OTHER DISEASES OF NERVOUS SYSTEM	2	-	1	-	1	4	1	2	6	2	2	1
(155) DISEASES OF THE EAR AND MASTOID PROCESS	-	-	-	-	-	-	-	-	-	-	-	-
DISEASES OF THE CIRCULATORY SYSTEM	14	9	38	6	58	20	71	25	64	40	116	62
ACUTE RHEUMATIC FEVER AND CHRONIC RHEUMATIC HEART DISEASE	-	-	-	1	-	-	-	-	1	-	2	2
CHRONIC RHEUMATIC HEART DISEASES	-	-	-	1	-	-	-	-	1	-	2	2
157) RHEUMATIC MITRAL VALVE DISEASE	-	-	-	1	-	-	-	-	1	-	1	2
(160) OTHER CHRONIC RHEUMATIC HEART DISEASE	-	-	-	-	-	-	-	-	-	-	1	-
HYPERTENSIVE DISEASES	2	1	1	-	4	2	2	1	4	1	1	1
(161) ESSENTIAL (PRIMARY) HYPERTENSION	-	-	-	-	2	1	1	1	-	-	-	1
(162) HYPERTENSIVE HEART DISEASE	2	1	1	-	2	-	1	-	3	1	1	-
(163) HYPERTENSIVE RENAL DISEASE	-	-	-	-	-	1	-	-	1	-	-	-
(164) HYPERTENSIVE HEART AND RENAL FAILURE	-	-	-	-	-	-	-	-	-	-	-	-
ISCHEMIC HEART DISEASES	7	2	24	3	40	6	46	17	61	19	56	26
(165) ACUTE MYOCARDIAL INFARCTION	4	2	14	-	19	2	25	6	27	5	23	14
(166) OTHER ACUTE ISCHEMIC HEART DISEASES	-	-	-	-	-	-	-	-	-	-	-	-
OTHER FORMS OF CHRONIC ISHCEMIC HEART DISEASE	3	-	10	3	21	4	21	9	34	14	33	12
(167(ATHEROSCLEROTIC CARDIOVASCULAR DISEASE SO DESCRIBED	1	-	4	-	7	2	7	2	6	1	12	2
(168) ALL OTHER FORMS OF CHRONIC ISCHEMIC HEART DISEASE	2	-	6	3	14	2	14	7	26	13	21	10
OTHER HEART DISEASES	3	3	7	4	9	6	11	5	17	7	30	16
PULMONARY HEART DISEASE AND DISEASES OF PULMONARY CIRCULATION	-	1	1	1	2	3	1	-	1	2	5	3
(169) PULMONARY EMBOLISM	-	1	1	1	2	3	-	-	-	1	5	-
(170) OTHER PULMONARY HEART DISEASE AND DISEASES OF PULMONARY CIRCULATION	-	-	-	-	-	-	1	-	1	-	-	3
OTHER NON-PULMONARY FORMS OF HEART DISEASE	3	2	6	3	7	3	10	5	16	5	25	13
(171) ACUTE AND SUBACUTE ENDOCARDITIS	-	-	-	-	-	-	-	-	-	-	-	-
(172) DISEASES OF PERICARDIUM AND ACUTE MYOCARDITIS	-	-	-	-	-	-	-	-	-	-	-	-
OTHER DISEASES OF ENDOCARDIUM	-	-	-	-	-	-	-	-	-	-	-	-
(173) NONRHEUMATIC MITRAL VALVE DISORDERS	-	-	-	1	-	1	1	2	2	-	5	1
(174) NONRHEUMATIC AORTIC VALVE DISORDERS	-	-	-	-	-	1	-	1	-	-	1	-
(175) ALL OTHER DISEASES OF ENDOCARDIUM	-	-	-	1	-	-	1	-	2	-	3	-
(176) CARDIOMYOPATHY	2	-	2	1	1	1	1	-	5	2	5	4
(177) CONDUCTION DISORDERS AND CARDIAC DYSRHYTHMIAS	1	1	1	-	2	-	4	1	3	2	8	4
HEART FAILURE	-	-	2	-	1	1	2	1	3	1	4	4
(178) CONGESTIVE HEART FAILURE	-	-	1	-	1	1	1	1	2	1	2	4
(179) OTHER AND UNSPECIFIED HEART FAILURE	-	-	1	-	-	-	1	-	1	-	2	-
(180) MYOCARDITIS, UNSPECIFIED AND MYOCARDIAL DEGENERATION	-	1	-	1	-	-	-	-	-	-	-	-
(181) ALL OTHER AND ILL-DEFINED FORMS OF HEART DISEASE	-	-	1	-	3	-	2	1	3	-	3	-
CEREBROVASCULAR DISEASE	2	3	2	1	4	6	9	2	6	12	16	14
(182) SUBARACHNOID HEMORRHAGE	-	1	1	1	-	2	-	-	-	2	-	2
(183) INTRACEREBRAL AND OTHER INTRACRANIAL HEMORRHAGE	1	2	1	-	1	2	5	-	1	3	8	5
(184) CEREBRAL INFARCTION	-	-	-	-	-	-	-	-	1	-	-	-
(185) STROKE, NOT SPECIFIED AS HEMORRHAGE OR INFARCTION	1	-	-	-	3	1	3	-	3	5	8	3
(186) OTHER CEREBROVASCULAR DISEASES AND THEIR SEQUELAE	-	-	-	-	-	1	1	2	1	2	2	4
DISEASES OF ARTERIES, ARTERIOLES AND CAPILLARIES	-	-	2	-	1	-	3	-	3	1	10	3
(187) ATHEROSCLEROSIS	-	-	1	-	-	-	1	-	2	-	1	1
(188) AORTIC ANEURYSM AND DISSECTION	-	-	1	-	1	-	2	-	1	-	5	1
(189) OTHER DISEASES OF ARTERIES, ARTERIOLES AND CAPILLARIES	-	-	-	-	-	-	-	-	-	1	4	1
OTHER DISORDERS OF CIRCULATORY SYSTEM	-	-	-	-	-	-	-	-	2	-	1	-
(190) PHLEBITIS, THROMBOPHLEBITIS, VENOUS EMBOLISM AND THROMBOSIS	-	-	-	-	-	-	-	-	-	-	-	-
(191) ALL OTHER AND UNSPECIFIED DISORDERS OF CIRCULATORY SYSTEM	-	-	-	-	-	-	-	-	2	-	1	-

* ICD-10 SELECTED CAUSE-OF-DEATH LIST OF 358 LINE NUMBER ARE IN PARENTHESES. SEE PAGE 10 FOR CODES.

TABLE 8 (CONTINUED)

FREQUENCY OF DEATH BY SEX, AGE, AND UP TO 358 SELECTED UNDERLYING CAUSES
MONTANA RESIDENTS, 2000

CAUSE OF DEATH*	40-44 YEARS		45 - 49 YEARS		50 - 54 YEARS		55 - 59 YEARS		60 - 64 YEARS		65 - 69 YEARS	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
DISEASES OF THE RESPIRATORY SYSTEM	2	3	5	1	5	6	7	9	16	16	43	28
OTHER DISEASES OF THE RESPIRATORY SYSTEM	2	3	5	1	5	6	7	9	16	16	43	28
(195) INFLUENZA	-	-	-	-	-	-	-	-	-	1	-	1
PNEUMONIA	2	2	1	-	-	2	1	-	3	2	5	1
(196) VIRAL PNEUMONIA, NOT ELSEWHERE CLASSIFIED	-	-	-	-	-	-	-	-	-	-	-	-
(197) BACTERIAL PNEUMONIA	-	1	-	-	-	-	-	-	1	1	1	-
(198) PNEUMONIA DUE TO OTHER OR UNSPECIFIED ORGANISMS	2	1	1	-	-	2	1	-	2	1	4	1
(201) OTHER DISEASES OF UPPER RESPIRATORY TRACT	-	-	-	-	-	-	-	-	-	-	1	-
CHRONIC LOWER RESPIRATORY DISEASE	-	1	2	1	3	2	4	9	10	12	32	25
BRONCHITIS, CHRONIC AND UNSPECIFIED, EMPHYSEMA AND ASTHMA	-	1	2	1	3	2	4	9	9	12	32	25
(202) BRONCHITIS, NOT SPECIFIED AS ACUTE OR CHRONIC	-	-	-	-	-	-	-	-	-	-	-	-
(204) EMPHYSEMA	-	-	1	1	-	1	1	2	2	4	6	3
(205) OTHER CHRONIC OBSTRUCTIVE PULMONARY DISEASE	-	-	1	-	2	-	2	7	7	6	25	22
(206) ASTHMA	-	1	-	-	1	1	1	-	-	-	1	-
(207) BRONCHIECTASIS	-	-	-	-	-	-	-	-	1	-	-	-
LUNG DISEASES DUE TO EXTERNAL AGENTS	-	-	1	-	1	-	1	-	1	-	1	-
(208) PNEUMONCONIOSES AND CHEMICAL EFFECTS	-	-	-	-	-	-	-	-	1	-	-	-
PNEUMONITIS DUE TO SOLIDS AND LIQUIDS	-	-	1	-	1	-	1	-	-	-	1	-
(206) PNEUMONITIS DUE TO FOOD AND VOMIT	-	-	1	-	1	-	1	-	-	-	1	-
(212) SUPPURATIVE AND NECROTIC CONDITIONS OF LOWER RESPIRATORY TRACT	-	-	-	-	-	-	-	-	1	-	1	-
(213) PLEURAL EFFUSION AND PLAQUE	-	-	-	-	-	-	-	-	-	-	-	-
(214) ALL OTHER DISEASES OF RESPIRATORY SYSTEM	-	-	1	-	1	2	1	-	3	1	3	1
DISEASES OF THE DIGESTIVE SYSTEM	3	2	6	7	8	6	11	11	21	11	6	6
(215) DISEASES OF ORAL CAVITY, SALIVARY GLANDS AND JAWS	-	-	-	-	-	-	-	-	-	-	-	-
DISEASES OF OTHER PARTS OF DIGESTIVE SYSTEM	3	2	6	7	8	6	11	11	21	11	6	6
(216) DISEASES OF ESOPHAGUS	-	-	-	-	-	-	-	-	-	-	-	-
PEPTIC ULCER	-	1	-	-	-	-	-	2	1	1	-	1
(217) GASTRIC ULCER	-	1	-	-	-	-	-	1	-	1	-	1
(218) DUODENAL ULCER	-	-	-	-	-	-	-	1	1	-	-	-
(219) PEPTIC ULCER, SITE UNSPECIFIED	-	-	-	-	-	-	-	-	-	-	-	-
(221) GASTRITIS AND DUODENITIS	-	-	-	-	-	-	-	-	-	-	-	-
(222) DYSPEPSIA AND OTHER DISEASES OF STOMACH AND DUODENUM	-	-	-	-	-	-	-	-	-	-	-	-
(223) DISEASES OF APPENDIX	-	-	-	-	-	-	-	-	-	-	-	-
(224) HENIA	-	-	-	-	-	-	-	-	-	-	-	-
(225) CROHN'S DISEASE AND ULCERATIVE COLITIS	-	-	-	-	-	-	-	1	-	-	-	-
(226) VASCULAR DISORDERS AND OBSTRUCTION OF INTESTINE WITHOUT HERNIA	-	-	-	-	-	-	-	-	2	-	-	1
(227) DIVERTICULAR DISEASE OF INTESTINE	-	-	-	-	-	-	-	-	-	-	1	-
(228) OTHER DISEASES OF INTESTINES AND PERITONEUM	1	-	-	-	-	-	-	1	-	-	-	-
(229) DISEASES OF PERITONEUM	-	-	-	-	-	-	-	1	-	-	-	-
DISEASES OF LIVER	2	1	7	6	7	5	10	6	15	10	2	3
(230) ALCHOLIC LIVER DISEASE	2	1	3	3	3	1	7	4	5	3	-	2
(232) FIBROSIS AND CIRRHOSIS OF LIVER	-	-	2	2	1	-	2	2	7	6	1	1
(233) OTHER DISEASES OF LIVER	-	-	2	1	3	4	1	-	3	1	1	-
(234) CHOLELITHIASIS AND OTHER DISORDERS OF GALLBLADDER	-	-	-	-	-	1	-	-	-	-	1	-
DISORDERS OF BILIARY TRACT AND PANCREAS	-	-	1	1	-	-	1	-	1	-	-	1
(235) PANCREATITIS	-	-	1	1	-	-	-	-	1	-	-	1
(236) OTHER DISORDERS OF BILIARY TRACT AND PANCREAS	-	-	-	-	-	-	1	-	-	-	-	-
(237) ALL OTHER DISEASES OF DIGESTIVE SYSTEM	-	-	1	-	1	-	-	-	2	-	2	2
DISEASES OF THE SKIN AND SUBCUTANEOUS TISSUE	-	-	-	-	-	1	-	-	-	-	1	2
(238) INFECTIONS OF SKIN AND SUBCUTANEOUS TISSUE	-	-	-	-	-	1	-	-	-	-	1	-
(239) OTHER AND UNSPECIFIED DISEASES OF SKIN AND SUBCUTANEOUS TISSUE	-	-	-	-	-	-	-	-	-	-	-	2
DISEASES OF THE MUSCUOLSKELETAL SYSTEM AND CONNECTIVE TISSUE	-	1	1	1	-	-	-	-	1	4	1	4
(240) RHEUMATOID ARTHRITIS AND RELATED INFLAMMATORY POLYARTHROPATHIES	-	-	-	-	-	-	-	-	1	1	1	1
(241) SYSTEMIC LUPUS ERYTHEMATOSUS	-	1	-	-	-	-	-	-	-	-	-	2
(242) OTHER ARTHROPATHIES AND RELATED DISORDERS	-	-	1	1	-	-	-	-	-	3	-	1
(243) DORSOPATHIES	-	-	-	-	-	-	-	-	-	-	-	-
(244) SOFT TISSUE DISORDERS	-	-	-	-	-	-	-	-	-	-	-	-
OSTEOPATHIES, CHRONDROPATHIES AND OTHER DISORDERS OF MUSCULOSKELETAL SYSTEM AND CONNECTIVE TISSUE	-	-	-	-	-	-	-	-	-	-	-	-
(245) OSTEOPOROSIS	-	-	-	-	-	-	-	-	-	-	-	-
DISEASES OF THE GENITOURINARY SYSTEM	-	1	-	-	-	-	1	4	2	1	7	4

* ICD-10 SELECTED CAUSE-OF-DEATH LIST OF 358 LINE NUMBER ARE IN PARENTHESES. SEE PAGE 10 FOR CODES.

TABLE 9 (CONTINUED)

FREQUENCY OF DEATH BY SEX, AGE, AND UP TO 358 SELECTED UNDERLYING CAUSES
MONTANA RESIDENTS, 2000

CAUSE OF DEATH*	40-44 YEARS		45 - 49 YEARS		50 - 54 YEARS		55 - 59 YEARS		60 - 64 YEARS		65 - 69 YEARS	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
DISEASES OF URINARY SYSTEM	-	1	-	-	-	-	1	4	2	1	7	4
GLOMERULAR AND RENAL TUBULO-INTERSTITIAL DISEASES	-	-	-	-	-	-	-	-	1	-	-	-
GLOMERULAR DISEASES	-	-	-	-	-	-	-	-	1	-	-	-
(248) NEPHROTIC SYNDROME	-	-	-	-	-	-	-	-	1	-	-	-
(249) OTHER AND UNSPECIFIED GLOMERULAR DISEASES	-	-	-	-	-	-	-	-	-	-	-	-
(250) RENAL TUBULO-INTERSTITIAL DISEASES	-	1	-	-	-	-	1	4	1	1	5	4
(251) RENAL FAILURE	-	-	-	-	-	-	-	-	-	-	-	-
(252) UROLITHIASIS	-	-	-	-	-	-	-	-	-	-	-	-
(253) OTHER AND UNSPECIFIED DISORDERS OF KIDNEY	-	-	-	-	-	-	-	-	-	-	2	-
(254) URINARY TRACT INFECTIONS, SITE NOT SPECIFED	-	-	-	-	-	-	-	-	-	-	-	-
(255) OTHER DISEASES OF URINARY TRACT	-	-	-	-	-	-	-	-	-	-	-	-
DISEASES OF MALE GENITAL ORGANS	-	-	-	-	-	-	-	-	-	-	-	-
(256) HYPERPLASIA OF PROSTATE	-	-	-	-	-	-	-	-	-	-	-	-
(272) OTHER DEATHS RELATED TO PREGNANCY, CHILDBIRTH AND THE PUERPERIUM	-	-	-	-	-	-	-	-	-	-	-	-
(273) INDIRECT OBSTETRIC DEATHS	-	-	-	-	-	-	-	-	-	-	-	-
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	-	-	-	-	-	-	-	-	-	-	-	-
(274) NEWBORN AFFECTED BY MATERNAL FACTORS AND BY COMPLICATIONS OF PREGNANCY, LABOR AND DELIVERY	-	-	-	-	-	-	-	-	-	-	-	-
(275) DISORDERS RELATED TO SHORT GESTATION AND LOW BIRTH WEIGHT, NOT ELSEWHERE CLASSIFIED	-	-	-	-	-	-	-	-	-	-	-	-
(277) INTRAUTERINE HYPOXIA AND BIRTH ASPHYXIA	-	-	-	-	-	-	-	-	-	-	-	-
(279) OTHER RESPIRATORY CONDITIONS ORIGINATING IN THE PERINATAL PERIDD	-	-	-	-	-	-	-	-	-	-	-	-
(280) INFECTIONS SPECIFIC TO THE PERINATAL PERIOD	-	-	-	-	-	-	-	-	-	-	-	-
(281) OTHER AND UNSPECIFIED CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	-	-	1	1	-	2	-	1	1	1	1	-
CONGENITAL MALFORMATIDNS, DEFORMATIONS AND CHROMOSOMAL ABNORMALITIES	-	-	1	-	-	-	-	-	-	-	-	-
(283) SPINA BIFIDA	-	-	-	-	-	-	-	-	-	-	-	-
(284) ALL OTHER CONGENITAL MALFORMATIONS OF NERVOUS SYSTEM	-	-	-	-	-	-	-	1	1	-	-	-
(285) CONGENITAL MALFORMATIONS OF HEART	-	-	-	-	-	-	-	-	-	-	-	-
(286) OTHER CONGENITAL MALFORMATIONS OR CIRCULATORY SYSTEM	-	-	-	-	-	-	-	-	-	-	-	-
(287) CONGENITAL MALFORMATIONS OF RESPIRATORY SYSTEM	-	-	-	1	-	-	-	-	-	1	-	-
(288) OTHER CONGEITAL MALFORMATIONS AND DEFORMATIONS	-	-	-	-	-	2	-	-	-	-	-	-
(289) DOWN'S SYNDROME	-	-	-	-	-	-	-	-	-	-	1	-
(290) ALL OTHER CHROMOSOMAL ABNORMALITIES, NOT ELSEWHERE CLASSIFIED	1	3	3	-	5	1	-	2	2	2	2	1
SYMPTOMS, SIGNS AND ABNORMAL CLINICAL AND LABORATORY FINDINGS, NOT ELSEWHERE CLASSIFIED	-	-	-	-	-	-	-	-	-	-	-	-
(291) SENILITY	-	2	3	-	3	1	-	2	2	2	2	1
ILL-DEFINED AND UNKNOWN CAUSE OR MORTALITY	-	-	-	-	-	-	-	-	-	-	-	-
(292) SUDDEN INFANT DEATH SYNDROME	-	2	3	-	3	1	-	2	2	2	2	1
(293) OTHER ILL-DEFINED AND UNKNOWN CAUSES OF MORTALITY	1	1	-	-	2	-	-	-	-	-	-	-
(294) ALL OTHER SYMPTOMS, SIGNS AND ABNORMAL CLINICAL AND LABORATORY FINDINGS, NDT ELSEWHERE CLASSIFIED	39	8	35	5	36	10	19	12	20	8	18	8
EXTERNAL CAUSES OF MORTALITY	21	5	19	4	24	7	11	8	11	5	13	5
ACCIDENTS	15	3	11	3	12	5	4	6	6	2	8	3
TRANSPORT ACCIDENTS	-	-	-	-	1	-	-	-	1	-	-	-
(295) RAILWAY ACCIDENTS	12	3	10	3	10	5	3	6	5	2	5	1
MOTOR VEHICLE ACCIDENTS	1	-	1	-	-	-	-	-	1	-	-	-
(296) PEDESTRIAN COLLISION WITH MOTOR VEHICLE	1	-	1	-	-	-	-	1	-	-	-	-
(297) PEDALCYCLIST COLLISION WITH MOTOR VEHICLE	1	-	1	1	1	-	-	-	1	-	-	-
(298) MOTORCYCLIST ANY ACCIDENT EXCEPT COLLISION WITH RAILWY CAR	-	-	-	-	-	-	-	-	1	-	-	-
MOTOR VEHICLE ACCIDENT WITH RAILWAY TRAIN	-	-	-	-	-	-	-	-	1	-	-	-
(300) OTHER MOTOR VEHICLE COLLISION WITH RAILWAY TRAIN	1	-	-	-	1	-	-	-	-	-	-	-
(301) MOTOR VEHICLE COLLISION WITH OTHER (NON-MOTORIZED) ROAD VEHICLE, STREETCAR, ANIMAL OR PEDESTRIN	4	2	1	1	3	2	2	3	2	1	2	-
(302) CAR, PICKUP TRUCK OR VAN COLLISION WITH OTHER MOTOR VEHICLE	-	-	-	-	-	-	-	-	-	-	-	-
(303) HEAVY TRANSPORT VEHICLE OR BUS COLLISION WITH OTHER MOTOR VEHICLE	4	-	6	1	3	1	1	2	1	1	1	-
(304) MOTOR VEHICLE NONCOLLISION ACCIDENT	-	-	-	-	1	-	-	-	-	-	-	-
(305) SPECIAL-USE MOTOR VEHICLE ANY ACCIDENT	-	1	-	-	1	2	-	-	-	-	2	1
(306) OTHER AND UNSPECIFIED MOTOR VEHICLE ACCIDENTS	-	-	-	-	-	-	-	-	-	-	-	-
(308) OTHER AND UNSPECIFIED LAND TRANSPORT ACCIDENTS	1	-	-	-	-	-	-	-	-	-	-	1
(309) WATER TRANSPORT ACCIDENTS	2	-	1	-	1	-	1	-	-	-	1	-
(310) AIR AND SPACE TRANSPORT ACCIDENTS	-	-	-	-	-	-	-	-	-	-	-	1
(311) OTHER AND UNSPECIFIED TRANSPORT ACCIDENTS AND THEIR SEQUELAE	-	-	1	-	4	-	1	1	-	-	3	2
FALLS	-	-	1	-	-	-	-	1	-	-	-	2
(312) FALL ON SAME LEVEL	-	-	-	-	3	-	-	-	-	-	2	-
(313) FALL FROM ONE LEVEL TO ANOTHER												

* ICD-10 SELECTED CAUSE-OF-DEATH LIST OF 358 LINE NUMBER ARE IN PARENTHESES. SEE PAGE 10 FOR CODES.

TABLE 9 (CONTINUED)

FREQUENCY OF DEATH BY SEX, AGE, AND UP TO 358 SELECTED UNDERLYING CAUSES
MONTANA RESIDENTS, 2000

CAUSE OF DEATH*	40-44 YEARS		45 - 49 YEARS		50 - 54 YEARS		55 - 59 YEARS		60 - 64 YEARS		65 - 69 YEARS	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
(314) UNSPECIFIED FALL	-	-	-	-	1	-	1	-	-	-	1	-
(315) ACCIDENTAL DISCHARGE OF FIREARMS	-	-	-	-	-	-	1	-	-	-	-	-
(317) ACCIDENTAL DROWNING AND SUBMERSION	-	-	-	-	-	-	1	-	-	-	1	-
(318) ACCIDENTAL INHALATION AND INGESTION OF FOOD OR OTHER OBJECTS CAUSING OBSTRUCTION OF RESPIRATORY TRACT	-	-	1	-	-	-	-	-	1	1	-	-
(319) OTHER ACCIDENTAL AND UNSPECIFIED THREATS TO BREATHING	-	-	1	-	-	-	-	-	-	-	-	-
(322) ACCIDENTAL EXPOSURE TO SMOKE, FIRE AND FLAMES	-	-	1	-	1	1	-	-	-	-	-	-
(325) EARTHQUAKE, VOLCANIC ERUPTION, AVALANCHE, LANDSLIDE AND OTHER EARTH MOVEMENTS	-	-	1	-	2	-	-	-	-	-	-	-
ACCIDENTAL POISONING AND EXPOSURE TO NOXIOUS SUBSTANCES	4	2	1	1	1	-	1	-	-	-	-	-
(327) BY AND EXPOSURE TO DRUGS AND OTHER BIOLOGICAL SUBSTANCES	4	1	1	1	1	-	1	-	-	-	-	-
(328) BY AND EXPOSURE TO OTHER AND UNSPECIFIED SOLID OR LIQUID SUBSTANCES	-	1	-	-	-	-	-	-	-	-	-	-
(329) BY AND EXPOSURE TO OTHER GASES AND VAPORS	-	-	-	-	-	-	-	-	-	-	-	-
(330) ALL OTHER AND UNSPECIFIED ACCIDENTS AND THEIR SEQUELAE	2	-	2	-	4	1	3	1	4	2	3	-
INTENTIONAL SELF-HARM AND SELF-POISONING (SUICIDE)	14	1	10	1	11	2	5	4	9	1	5	1
(331) POISONING BY AND EXPOSURE TO DRUGS AND OTHER BIOLOGICAL SUBSTANCES	-	1	-	1	-	2	-	2	-	-	-	-
(332) POISONING BY AND EXPOSURE TO OTHER AND UNSPECIFIED SOLID OR LIQUID SUBSTANCES AND THEIR VAPORS	-	-	-	-	-	-	-	-	-	-	-	-
(333) POISONING BY AND EXPOSURE TO GASES AND VAPORS	3	-	1	-	2	-	1	1	1	-	-	-
(334) BY HANGING, STRANGULATION AND SUFFOCATION	2	-	2	-	2	-	-	1	-	-	-	-
(335) BY DISCHARGE OF FIREARMS	9	-	7	-	7	-	5	-	8	1	5	-
(337) BY ALL OTHER AND UNSPECIFIED MEANS AND THEIR SEQUELAE	-	-	-	-	-	-	-	-	-	-	-	1
ASSAULT (HOMICIDE)	2	2	2	-	1	1	1	-	-	-	1	-
(338) BY DRUGS, BIOLOGICAL SUBSTANCES AND OTHER AND UNSPECIFIED NOXIOUS SUBSTANCES	-	-	-	-	-	-	-	-	-	-	-	-
(339) BY HANGING, STRANGULATION AND SUFFOCATION	-	-	-	-	-	-	-	-	-	-	-	-
(340) BY DISCHARGE OF FIREARMS	1	2	1	-	1	1	-	-	-	-	-	-
(341) BY SHARP OBJECT	-	-	-	-	-	-	-	-	-	-	-	-
(342) BY BLUNT OBJECT	-	-	-	-	-	-	-	-	-	-	1	-
(345) NEGLECT, ABANDONMENT AND OTHER MALTREATMENT SYNDROMES	-	-	1	-	-	-	-	-	-	-	-	-
(348) ASSAULT (HOMICIDE) BY ALL OTHER AND UNSPECIFIED MEANS AND THEIR SEQUELAE	1	-	-	-	-	-	1	-	-	-	-	-
EVENT OF UNDETERMINED INTENT	1	-	3	-	-	-	2	-	-	-	-	-
(347) POISONING BY AND EXPOSURE TO DRUGS AND BIOLOGICAL SUBSTANCES, UNDTERMINED INTENT	1	-	3	-	-	-	2	-	-	-	-	-
(351) DISCHARGE OF FIREARMS, UNDTERMINED INTENT	-	-	-	-	-	-	-	-	-	-	-	-
(352) ALL OTHER AND UNSPECIFIED EVENTS OF UNDETERMINED INTENT AND THEIR SEQUELAE	-	-	-	-	-	-	-	-	-	-	-	-
LEGAL INTERVENTION	-	-	1	-	-	-	-	-	-	-	-	-
(354) OTHER LEGAL INTERVENTION AND THEIR SEQUELAE	-	-	1	-	-	-	-	-	-	-	-	-
COMPLICATIONS OF MEDICAL AND SURGICAL CARE	1	-	-	-	-	-	-	-	-	-	-	-
(356)DRUGS, MEDICAMENTS AND BIOLOGICAL SUBSTANCES CAUSING ADVERSE EFFECTS IN THERAPEUTIC USE, AND THEIR SEQUELAE	1	-	-	-	-	-	-	-	-	-	-	-
(357) MISADVENTURES TO PATIENTS DURING MEDICAL AND SURGICAL CARE, AND THEIR SEQUELAE	-	-	-	-	-	-	-	-	-	-	-	-
(358) OTHER COMPLICATIONS OF MEDICAL AND SURGICAL CARE AND THEIR SEQUELAE	-	-	-	-	-	-	-	-	-	-	-	-

* ICD-10 SELECTED CAUSE-OF-DEATH LIST OF 358 LINE NUMBER ARE IN PARENTHESES. SEE PAGE 10 FOR CODES.

TABLE 9 (CONTINUED)

FREQUENCY OF DEATH BY SEX, AGE, AND UP TO 358 SELECTED UNDERLYING CAUSES
MONTANA RESIDENCE 2000

CAUSE OF DEATH*	70 - 74 YEARS		75 - 79 YEARS		80 - 84 YEARS		85 OR OLDER	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
ALL CAUSES	455	387	629	483	657	644	907	1,470
CERTAIN INFECTIOUS AND PARASITIC DISEASES	6	4	7	4	7	6	14	19
INTESTINAL INFECTIOUS DISEASES	-	-	-	-	-	-	3	1
OTHER INTESTINAL INFECTIOUS DISEASES	-	-	-	-	-	-	3	1
(7) INTESTINAL INFECTIONS DUE TO OTHER SPECIFIED ORGANISMS	-	-	-	-	-	-	3	1
TUBERCULOSIS	1	-	-	-	1	-	-	1
(9) RESPIRATORY	1	-	-	-	1	-	-	1
(10) OTHER TUBERCULOSIS	-	-	-	-	-	-	-	-
ZOONOTIC AND OTHER BACTERIAL DISEASES	2	2	7	3	5	6	10	16
(18) SEPTICEMIA	2	1	7	2	5	6	10	16
(19) OTHER ZOONOTIC AND BACTERIAL DISEASES	-	1	-	1	-	-	-	-
VIRAL DISEASES	3	2	-	-	1	-	-	1
(34) ZOSTER (HERPES ZOSTER)	-	1	-	-	-	-	-	1
(38) VIRAL HEPATITIS	1	1	-	-	1	-	-	-
HUMAN IMMUNODEFICIENCY VIRUS (HIV) DISEASE	1	-	-	-	-	-	-	-
(39) RESULTING IN INFECTIOUS AND PARASITIC DISEASE	-	-	-	-	-	-	-	-
(42) RESULTING IN OTHER CONDITIONS	1	-	-	-	-	-	-	-
(43) UNSPECIFIED HUMAN IMMUNODEFICIENCY VIRUS (HIV) DISEASE	-	-	-	-	-	-	-	-
(44) ALL OTHER AND UNSPECIFIED VIRAL DISEASES	1	-	-	-	-	-	-	-
OTHER AND UNSPECIFIED INFECTIONS AND PARASITIC DISEASES AND THEIR SEQUELAE	-	-	-	1	-	-	1	-
(54) SEQUELAE OF POLIOMYELITIS	-	-	-	1	-	-	-	-
(55) ALL OTHER AND UNSPECIFIED INFECTIONS AND PARASITIC DISEASES AND THEIR SEQUELAE	-	-	-	-	-	-	1	-
NEOPLASMS	153	133	192	122	149	130	160	161
MALIGNANT NEOPLASMS	153	130	187	122	139	125	148	151
MALIGNANT NEOPLASMS OF LIP, ORAL CAVITY AND PHARYNX	1	3	4	-	1	1	3	-
(56) OF LIP	-	-	-	-	-	-	-	-
(57) OF TONGUE	1	1	1	-	1	1	-	-
(58) OF PHARYNX	-	-	2	-	-	-	2	-
(59) OF OTHER AND UNSPECIFIED SITES WITHIN THE LIP, ORAL CAVITY AND PHARYNX	-	2	1	-	-	-	1	-
MALIGNANT NEOPLASMS OF DIGESTIVE ORGANS	41	25	33	23	32	33	37	43
(60) OF ESOPHAGUS	7	1	6	-	6	-	4	2
(61) OF STOMACH	2	2	3	2	1	4	4	5
(62) OF SMALL INTESTINE	-	-	-	1	1	-	-	-
OF COLON, RECTUM AND ANUS	18	11	16	12	16	15	16	22
(63) COLON	14	11	11	10	14	13	13	22
(64) RECTOSIGMOID JUNCTION AND RECTUM	4	-	5	1	2	2	3	-
(65) ANUS AND ANAL CANAL	-	-	-	1	-	-	-	-
OF LIVER AND INTRAHEPATIC BILE DUCTS	5	1	2	2	1	4	4	2
(66) LIVER	3	-	-	-	1	2	2	1
(67) INTRAHEPATIC BILE DUCT CARCINOMA	2	1	2	2	-	2	2	1
(68) OF GALLBLADDER AND EXTRAHEPATIC BILE DUCTS	-	1	-	3	1	2	-	4
(69) OF PANCREAS	8	9	6	3	6	8	8	7
(70) OF OTHER AND ILL-DEFINED DIGESTIVE ORGANS	1	-	-	-	-	-	1	1
MALIGNANT NEOPLASMS OF RESPIRATORY AND INTRATHORACIC ORGANS	54	41	69	38	32	29	33	29
(71) OF NASAL CAVITY, MIDDLE EAR AND ACCESSORY SINUSES	-	-	-	-	-	-	-	-
(72) OF LARYNX	-	1	1	1	4	-	1	-
(73) OF TRACHEA, BRONCHUS AND LUNG	54	40	67	37	28	29	31	29
(74) OF THYMUS, HEART, MEDIASTINUM AND PLEURA	-	-	1	-	-	-	1	-
(76) MALIGNANT NEOPLASMS OF BONE AND ARTICULAR CARTILAGE	-	-	-	-	-	-	-	-
MELANOMA AND OTHER MALIGNANT NEOPLASMS OF SKIN	6	-	4	2	4	-	2	1
(77) MALIGNANT MELANOMA OF SKIN	5	-	3	2	3	-	2	-
(78) OTHER MALIGNANT NEOPLASMS OF SKIN	1	-	1	-	1	-	-	1
MALIGNANT NEOPLASMS OF MESOTHELIAL AND SOFT TISSUE	2	1	1	-	2	-	-	1
(79) MESOTHELIOMA	2	1	-	-	2	-	-	1
(81) OF OTHER MESOTHELIAL AND SOFT TISSUE	-	-	1	-	-	-	-	-
(82) MALIGNANT NEOPLASM OF BREAST	-	17	-	13	1	12	-	20
MALIGNANT NEOPLASMS OF FEMALE GENITAL ORGANS	-	10	-	15	-	18	-	13
(83) OF VULVA AND VAGINA	-	-	-	2	-	-	-	-
(84) OF CERVIX UTERI	-	-	-	2	-	1	-	1
(85) OF CORPUS UTERI AND UTERUS, PART UNSPECIFIED	-	4	-	4	-	6	-	5

* ICD-10 SELECTED CAUSE-OF-DEATH LIST OF 358 LINE NUMBER ARE IN PARENTHESES. SEE PAGE 10 FOR CODES.

TABLE 9 (CONTINUED)

FREQUENCY OF DEATH BY SEX, AGE, AND UP TO 358 SELECTED UNDERLYING CAUSES
MONTANA RESIDENCE 2000

CAUSE OF DEATH*	70 - 74 YEARS		75 - 79 YEARS		80 - 84 YEARS		85 OR OLDER	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
(86) OF OVARY	-	6	-	7	-	11	-	7
(87) OF OTHER AND UNSPECIFIED FEMALE GENITAL ORGANS	-	-	-	-	-	-	-	-
MALIGNANT NEOPLASMS OF MALE GENITAL ORGANS	13	-	25	-	25	-	32	-
(89) OF PROSTATE	12	-	25	-	25	-	31	-
(90) OF TESTIS	-	-	-	-	-	-	-	-
(91) OF PENIS AND OTHER AND UNSPECIFIED MALE GENITAL ORGANS	1	-	-	-	-	-	1	-
MALIGNANT NEOPLASMS OF URINARY TRACT	9	6	16	3	8	7	16	9
(92) OF KIDNEY AND RENAL PELVIS	8	3	7	1	5	2	1	3
(93) OF BLADDER	3	3	9	2	2	5	14	6
(94) OF OTHER AND UNSPECIFIED SITES WITHIN THE URINARY TRACT	-	-	-	-	1	-	1	-
MALIGNANT NEOPLASMS OF MENINGES, BRAIN AND OTHER PARTS OF CENTRAL NERVOUS SYSTEM	1	2	3	2	2	3	-	3
(96) OF BRAIN	1	2	3	2	2	3	-	3
(97) OF OTHER PARTS OF CENTRAL NERVOUS SYSTEM	-	-	-	-	-	-	-	-
(98) MALIGNANT NEOPLASMS OF THYROID AND OTHER ENDOCRINE GLANDS	-	1	-	-	-	1	1	1
(99) OTHER MALIGNANT NEOPLASMS OF OTHER AND UNSPECIFIED SITES	10	7	10	19	12	6	10	16
MALIGNANT NEOPLASMS OF LYMPHOID, HEMATOPOIETIC AND RELATED TISSUE	16	17	22	7	20	13	14	15
(100) HODGKIN'S DISEASE	-	-	1	-	-	1	-	-
OF OTHER LYMPHOID, HEMATOPOIETIC AND RELATED TISSUE	3	6	10	2	6	3	3	7
(101) NON-HODGKIN'S LYMPHOMA	3	5	10	2	6	3	3	7
(102) OF OTHER AND UNSPECIFIED LYMPHOID, HEMATOPOIETIC AND RELATED TISSUE	-	1	-	-	-	-	-	-
(103) MALIGNANT IMMUNOPROLIFERATIVE DISEASES	-	-	-	-	1	-	-	-
(104) MULTIPLE MYELOMA AND MALIGNANT PLASMA CELL NEOPLASMS	6	5	4	2	4	3	1	3
LEUKEMIA	7	6	7	3	9	8	10	5
(105) LYMPHOID LEUKEMIA	2	-	3	-	4	2	2	3
(106) MYELOID LEUKEMIA	3	4	4	2	5	3	5	1
(108) OTHER AND UNSPECIFIED LEUKEMIA	2	2	-	1	-	1	3	1
BENIGN NEOPLASMS	-	-	-	-	1	1	-	1
(112) OF EYE, BRAIN AND OTHER PARTS OF CENTRAL NERVOUS SYSTEM	-	-	-	-	-	1	-	1
(113) OF OTHER AND UNSPECIFIED SITES	-	-	-	-	1	-	-	-
(114) NEOPLASMS OF UNCERTAIN OR UNKNOWN BEHAVIOR OF SPECIFIED SITES	-	2	5	-	9	4	12	9
(115) NEOPLASM OF UNCERTAIN OR UNKNOWN BEHAVIOR OF UNSPECIFIED SITES	-	1	-	-	-	-	-	-
DISEASES OF THE BLOOD AND BLOOD FORMING ORGANS AND CERTAIN DISORDERS INVOLVING THE IMMUNE MECHANISM	-	3	3	2	2	3	5	9
ANEMIAS	-	1	2	2	-	2	3	8
(117) HEMOLYTIC ANEMIAS	-	-	-	1	-	-	-	3
(118) APLASTIC ANEMIAS	-	1	-	-	-	1	-	2
(119) ACUTE POSTHEMORRHAGIC AND OTHER ANEMIAS	-	-	2	1	-	1	3	3
(120) COAGULATION DEFECTS, PURPURA AND OTHER HEMORRHAGIC CONDITIONS	-	1	1	-	2	-	2	1
(121) OTHER DISEASES OF BLOOD AND BLOOD-FORMING ORGANS	-	1	-	-	-	1	-	-
ENDOCRINE, NUTRITIONAL AND METABOLIC DISEASES	16	22	27	20	28	43	33	56
ENDOCRINE DISEASES	13	14	22	19	20	32	24	32
(123) DISORDERS OF THYROID GLAND	-	1	-	2	-	1	1	2
(124) DIABETES MELLITUS	13	13	21	17	20	30	23	30
(126) DISORDERS OF ADRENAL GLANDS	-	-	1	-	-	1	-	-
NUTRITIONAL DISEASES	-	5	1	-	5	7	3	15
MALNUTRITION	-	1	-	-	3	7	3	14
(130) OTHER AND UNSPECIFIED MALNUTRITION	-	1	-	-	3	7	3	14
(131) OTHER NUTRITIONAL DEFICIENCIES	-	1	1	-	-	-	-	-
(132) OBESITY AND OTHER HYPERALIMENTATION	-	3	-	-	2	-	-	1
METABOLIC DISORDERS	3	3	4	1	3	4	6	9
(133) CYSTIC FIBROSIS	-	-	-	-	-	-	-	-
(134) VOLUME DEPLETION, DISORDERS OF FLUID, ELECTROLYTE AND ACID-BASE BALANCE	1	1	-	-	1	2	4	7
(135) OTHER METABOLIC DISORDERS	2	2	4	1	2	2	2	2
MENTAL AND BEHAVIORAL DISORDERS	4	4	0	0	14	22	26	63
(136) ORGANIC DEMENTIA	1	2	7	6	12	20	24	57
(137) OTHER AND UNSPECIFIED ORGANIC MENTAL DISORDERS	-	1	-	-	1	1	-	4
MENTAL AND BEHAVIORAL DISORDERS DUE TO PSYCHOACTIVE SUBSTANCE USE	3	1	1	1	-	-	-	-
(138) MENTAL AND BEHAVIORAL DISORDERS DUE TO USE OF ALCOHOL	3	-	1	1	-	-	-	-
(139) MENTAL AND BEHAVIORAL DISORDERS DUE TO OTHER PSYCHOACTIVE SUBSTANCE USE	-	1	-	-	-	-	-	-
(140) SCHIZOPHRENIA, SCHIZOTYPAL AND DELUSIONAL DISORDERS	-	-	-	1	-	-	1	-
(141) MOOD (AFFECTIVE) DISORDERS	-	-	-	-	1	1	-	1

* ICD-10 SELECTED CAUSE-OF-DEATH LIST OF 358 LINE NUMBER ARE IN PARENTHESES. SEE PAGE 10 FOR CODES.

FREQUENCY OF DEATH BY SEX, AGE, AND UP TO 358 SELECTED UNDERLYING CAUSES
MONTANA RESIDENCE 2000

CAUSE OF DEATH*	70 - 74 YEARS		75 - 79 YEARS		80 - 84 YEARS		85 OR OLDER	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
(143) MENTAL RETARDATION	-	-	-	-	-	-	-	-
(144) OTHER AND UNSPECIFIED MENTAL AND BEHAVIORAL DISORDERS	-	-	-	-	-	-	1	1
DISEASES OF THE NERVOUS SYSTEM	**9**	**17**	**20**	**30**	**27**	**43**	**48**	**125**
(145) MENINGITIS	-	-	1	-	-	-	-	-
(146) OTHER INFLAMMATORY DISEASES OF CENTRAL NERVOUS SYSTEM	-	1	-	-	-	-	-	-
(147) PARKINSON'S DISEASE	3	3	5	2	14	3	11	12
(148) ALZHEIMER'S DISEASE	5	7	9	15	8	32	31	106
(149) MULTIPLE SCLEROSIS	-	-	-	1	-	1	-	1
(150) EPILEPSY	-	-	-	-	-	-	-	-
(151) TRANSIENT CEREBRAL ISCHEMIC ATTACKS AND RELATED SYNDROMES	-	-	1	1	-	-	-	-
(152) INFANTILE CEREBRAL PALSY	-	-	-	-	-	-	-	-
(153) ALL OTHER DISEASES OF NERVOUS SYSTEM	1	6	4	11	5	7	6	6
(155) DISEASES OF THE EAR AND MASTOID PROCESS	-	-	-	-	-	-	1	-
DISEASES OF THE CIRCULATORY SYSTEM	**161**	**112**	**234**	**172**	**287**	**245**	**370**	**652**
ACUTE RHEUMATIC FEVER AND CHRONIC RHEUMATIC HEART DISEASE	1	-	1	3	2	3	2	4
CHRONIC RHEUMATIC HEART DISEASES	1	-	1	3	2	3	2	4
157) RHEUMATIC MITRAL VALVE DISEASE	1	-	-	-	-	3	1	4
(160) OTHER CHRONIC RHEUMATIC HEART DISEASE	-	-	1	3	2	-	1	-
HYPERTENSIVE DISEASES	2	2	6	5	5	9	7	19
(161) ESSENTIAL (PRIMARY) HYPERTENSION	-	-	3	2	1	2	1	7
(162) HYPERTENSIVE HEART DISEASE	2	1	3	2	2	3	3	8
(163) HYPERTENSIVE RENAL DISEASE	-	1	-	1	2	4	2	4
(164) HYPERTENSIVE HEART AND RENAL FAILURE	-	-	-	-	-	-	1	-
ISCHEMIC HEART DISEASES	93	39	132	75	131	92	132	201
(165) ACUTE MYOCARDIAL INFARCTION	36	22	45	31	52	44	38	65
(166) OTHER ACUTE ISCHEMIC HEART DISEASES	-	1	1	-	-	-	-	-
OTHER FORMS OF CHRONIC ISHCEMIC HEART DISEASE	57	16	86	44	79	48	94	136
(167(ATHEROSCLEROTIC CARDIOVASCULAR DISEASE, SO DESCRIBED	13	5	14	10	7	13	14	21
(168) ALL OTHER FORMS OF CHRONIC ISCHEMIC HEART DISEASE	44	11	72	34	72	35	80	115
OTHER HEART DISEASES	27	21	42	47	57	66	116	215
PULMONARY HEART DISEASE AND DISEASES OF PULMONARY CIRCULATION	1	4	3	5	3	4	2	8
(169) PULMONARY EMBOLISM	1	3	1	4	2	2	1	6
(170) OTHER PULMONARY HEART DISEASE AND DISEASES OF PULMONARY CIRCULATION	-	1	2	1	1	2	1	2
OTHER NON-PULMONARY FORMS OF HEART DISEASE	26	17	39	42	54	62	114	207
(171) ACUTE AND SUBACUTE ENDOCARDITIS	-	-	-	-	-	-	-	1
(172) DISEASES OF PERICARDIUM AND ACUTE MYOCARDITIS	-	-	1	-	-	-	-	-
OTHER DISEASES OF ENDOCARDIUM	2	2	5	7	5	5	14	34
(173) NONRHEUMATIC MITRAL VALVE DISORDERS	-	-	2	1	-	-	-	4
(174) NONRHEUMATIC AORTIC VALVE DISORDERS	-	1	1	3	2	3	11	21
(175) ALL OTHER DISEASES OF ENDOCARDIUM	2	1	2	3	3	2	3	9
(176) CARDIOMYOPATHY	3	-	6	5	4	9	12	9
(177) CONDUCTION DISORDERS AND CARDIAC DYSRHYTHMIAS	6	7	11	14	16	15	21	48
HEART FAILURE	12	8	14	14	28	26	66	107
(178) CONGESTIVE HEART FAILURE	9	5	12	10	25	24	60	101
(179) OTHER AND UNSPECIFIED HEART FAILURE	3	3	2	4	3	2	6	6
(180) MYOCARDITIS, UNSPECIFIED AND MYOCARDIAL DEGENERATION	-	-	-	-	-	-	-	1
(181) ALL OTHER AND ILL-DEFINED FORMS OF HEART DISEASE	3	-	2	2	1	7	1	7
CEREBROVASCULAR DISEASE	24	40	37	32	56	63	87	163
(182) SUBARACHNOID HEMORRHAGE	1	5	-	-	1	1	-	1
(183) INTRACEREBRAL AND OTHER INTRACRANIAL HEMORRHAGE	4	7	6	8	7	8	7	8
(184) CEREBRAL INFARCTION	3	4	3	-	2	3	6	7
(185) STROKE, NOT SPECIFIED AS HEMORRHAGE OR INFARCTION	13	20	23	21	34	39	56	115
(186) OTHER CEREBROVASCULAR DISEASES AND THEIR SEQUELAE	3	4	5	3	12	12	18	32
DISEASES OF ARTERIES, ARTERIOLES AND CAPILLARIES	12	10	15	10	14	12	25	50
(187) ATHEROSCLEROSIS	3	2	3	4	3	5	14	32
(188) AORTIC ANEURYSM AND DISSECTION	6	5	9	3	7	3	2	10
(189) OTHER DISEASES OF ARTERIES, ARTERIOLES AND CAPILLARIES	3	3	3	3	4	4	9	8
OTHER DISORDERS OF CIRCULATORY SYSTEM	2	-	1	-	2	-	1	-
(190) PHLEBITIS, THROMBOPHLEBITIS, VENOUS EMBOLISM AND THROMBOSIS	2	-	1	-	2	-	1	-
(191) ALL OTHER AND UNSPECIFIED DISORDERS OF CIRCULATORY SYSTEM	-	-	-	-	-	-	-	-

* ICD-10 SELECTED CAUSE-OF-DEATH LIST OF 358 LINE NUMBER ARE IN PARENTHESES. SEE PAGE 10 FOR CODES.

TABLE 9 (CONTINUED)

FREQUENCY OF DEATH BY SEX, AGE, AND UP TO 358 SELECTED UNDERLYING CAUSES
MONTANA RESIDENCE 2000

CAUSE OF DEATH*	70 - 74 YEARS		75 - 79 YEARS		80 - 84 YEARS		85 OR OLDER	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
DISEASES OF THE RESPIRATORY SYSTEM	**72**	**48**	**75**	**81**	**91**	**78**	**121**	**142**
OTHER DISEASES OF THE RESPIRATORY SYSTEM	72	48	75	81	91	78	121	142
(195) INFLUENZA	1	-	-	-	1	2	1	3
PNEUMONIA	10	7	13	12	20	17	34	55
(196) VIRAL PNEUMONIA, NOT ELSEWHERE CLASSIFIED	-	-	-	1	-	-	-	-
(197) BACTERIAL PNEUMONIA	2	2	1	1	1	-	-	-
(198) PNEUMONIA DUE TO OTHER OR UNSPECIFIED ORGANISMS	8	5	12	10	19	17	34	55
(201) OTHER DISEASES OF UPPER RESPIRATORY TRACT	-	-	-	-	-	-	-	-
CHRONIC LOWER RESPIRATORY DISEASE	53	34	49	57	55	45	61	63
BRONCHITIS, CHRONIC AND UNSPECIFIED, EMPHYSEMA AND ASTHMA	53	33	49	57	55	44	61	62
(202) BRONCHITIS, NOT SPECIFIED AS ACUTE OR CHRONIC	-	-	-	-	-	-	-	2
(204) EMPHYSEMA	6	3	6	9	7	4	10	2
(205) OTHER CHRONIC OBSTRUCTIVE PULMONARY DISEASE	46	27	43	47	47	40	51	55
(206) ASTHMA	1	3	-	1	1	-	-	3
(207) BRONCHIECTASIS	-	1	-	-	-	1	-	1
LUNG DISEASES DUE TO EXTERNAL AGENTS	1	2	2	4	8	6	16	8
(208) PNEUMONCONIOSES AND CHEMICAL EFFECTS	-	-	-	-	1	-	1	-
PNEUMONITIS DUE TO SOLIDS AND LIQUIDS	1	2	2	4	7	6	15	8
(209) PNEUMONITIS DUE TO FOOD AND VOMIT	1	2	2	4	7	6	15	8
(212) SUPPURATIVE AND NECROTIC CONDITIONS OF LOWER RESPIRATORY TRACT	1	-	1	-	-	1	1	-
(213) PLEURAL EFFUSION AND PLAQUE	-	-	-	-	-	-	-	1
(214) ALL OTHER DISEASES OF RESPIRATORY SYSTEM	6	5	10	8	7	7	8	12
DISEASES OF THE DIGESTIVE SYSTEM	**13**	**15**	**17**	**20**	**17**	**23**	**31**	**53**
(215) DISEASES OF ORAL CAVITY, SALIVARY GLANDS AND JAWS	-	-	-	-	-	1	-	-
DISEASES OF OTHER PARTS OF DIGESTIVE SYSTEM	13	15	17	20	17	22	31	53
(216) DISEASES OF ESOPHAGUS	1	-	-	-	-	3	3	2
PEPTIC ULCER	1	2	1	-	-	-	2	3
(217) GASTRIC ULCER	-	1	-	-	-	-	-	1
(218) DUODENAL ULCER	1	-	1	-	-	-	1	-
(219) PEPTIC ULCER, SITE UNSPECIFIED	-	1	-	-	-	-	1	2
(221) GASTRITIS AND DUODENITIS	1	-	-	1	-	-	-	-
(222) DYSPEPSIA AND OTHER DISEASES OF STOMACH AND DUODENUM	-	-	-	-	-	-	-	2
(223) DISEASES OF APPENDIX	-	-	1	-	-	-	-	-
(224) HENIA	1	-	-	-	-	1	2	2
(225) CROHN'S DISEASE AND ULCERATIVE COLITIS	-	-	-	-	1	-	-	-
(226) VASCULAR DISORDERS AND OBSTRUCTION OF INTESTINE WITHOUT HERNIA	3	1	5	10	5	4	5	11
(227) DIVERTICULAR DISEASE OF INTESTINE	-	2	-	2	2	2	-	5
(228) OTHER DISEASES OF INTESTINES AND PERITONEUM	-	1	-	-	1	1	4	2
(229) DISEASES OF PERITONEUM	-	-	1	1	-	1	1	-
DISEASES OF LIVER	4	6	5	4	5	3	2	5
(230) ALCHOLIC LIVER DISEASE	2	-	1	-	2	1	-	-
(232) FIBROSIS AND CIRRHOSIS OF LIVER	1	3	1	3	3	1	-	2
(233) OTHER DISEASES OF LIVER	1	3	3	1	-	1	2	3
(234) CHOLELITHIASIS AND OTHER DISORDERS OF GALLBLADDER	1	-	1	1	-	-	2	6
DISORDERS OF BILIARY TRACT AND PANCREAS	-	-	2	1	-	-	3	6
(235) PANCREATITIS	-	-	2	1	-	-	2	4
(236) OTHER DISORDERS OF BILIARY TRACT AND PANCREAS	-	-	-	-	-	-	1	2
(237) ALL OTHER DISEASES OF DIGESTIVE SYSTEM	1	3	1	-	3	7	7	9
DISEASES OF THE SKIN AND SUBCUTANEOUS TISSUE	-	-	-	2	2	1	1	-
(238) INFECTIONS OF SKIN AND SUBCUTANEOUS TISSUE	-	-	-	1	-	-	1	-
(239) OTHER AND UNSPECIFIED DISEASES OF SKIN AND SUBCUTANEOUS TISSUE	-	-	-	1	2	1	-	-
DISEASES OF THE MUSCUOLSKELETAL SYSTEM AND CONNECTIVE TISSUE	-	2	3	3	5	6	6	24
(240) RHEUMATOID ARTHRITIS AND RELATED INFLAMMATORY POLYARTHROPATHIES	-	1	-	2	1	4	-	1
(241) SYSTEMIC LUPUS ERYTHEMATOSUS	-	-	-	-	-	-	-	-
(242) OTHER ARTHROPATHIES AND RELATED DISORDERS	-	1	1	-	1	-	3	7
(243) DORSOPATHIES	-	-	-	-	-	1	1	-
(244) SOFT TISSUE DISORDERS	-	-	1	-	2	1	-	-
OSTEOPATHIES, CHRONDROPATHIES AND OTHER DISORDERS OF MUSCULOSKELETAL SYSTEM AND CONNECTIVE TISSUE	-	-	1	1	1	-	2	16
(245) OSTEOPOROSIS	-	-	-	1	-	-	2	15
DISEASES OF THE GENITOURINARY SYSTEM	4	7	13	11	15	14	33	41

* ICD-10 SELECTED CAUSE-OF-DEATH LIST OF 358 LINE NUMBER ARE IN PARENTHESES SEE PAGE 10 FOR CODES.

FREQUENCY OF DEATH BY SEX, AGE, AND UP TO 358 SELECTED UNDERLYING CAUSES
MONTANA RESIDENCE 2000

CAUSE OF DEATH*	70 - 74 YEARS		75 - 79 YEARS		80 - 84 YEARS		85 OR OLDER	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
DISEASES OF URINARY SYSTEM	4	7	13	11	14	14	31	41
GLOMERULAR AND RENAL TUBULO-INTERSTITIAL DISEASES	-	2	5	1	1	-	-	-
GLOMERULAR DISEASES	-	1	2	-	-	-	-	-
(248) NEPHROTIC SYNDROME	-	-	1	-	-	-	-	-
(249) OTHER AND UNSPECIFIED GLOMERULAR DISEASES	-	1	1	-	-	-	-	-
(250) RENAL TUBULO-INTERSTITIAL DISEASES	-	1	3	1	1	-	-	-
(251) RENAL FAILURE	4	4	6	7	9	7	25	29
(252) UROLITHIASIS	-	-	-	-	-	-	1	-
(253) OTHER AND UNSPECIFIED DISORDERS OF KIDNEY	-	-	1	-	-	-	1	-
(254) URINARY TRACT INFECTIONS, SITE NOT SPECIFED	-	1	1	3	3	6	4	12
(255) OTHER DISEASES OF URINARY TRACT	-	-	-	-	1	1	1	-
DISEASES OF MALE GENITAL ORGANS	-	-	-	-	-	-	2	-
(256) HYPERPLASIA OF PROSTATE	-	-	-	-	1	-	2	-
(272) OTHER DEATHS RELATED TO PREGNANCY, CHILDBIRTH AND THE PUERPERIUM	-	-	-	-	-	-	-	-
(273) INDIRECT OBSTETRIC DEATHS	-	-	-	-	-	-	-	-
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	-	-	-	-	-	-	-	-
(274) NEWBORN AFFECTED BY MATERNAL FACTORS AND BY COMPLICATIONS OF PREGNANCY, LABOR AND DELIVERY	-	-	-	-	-	-	-	-
(275) DISORDERS RELATED TO SHORT GESTATION AND LOW BIRTH WEIGHT, NOT ELSEWHERE CLASSIFIED	-	-	-	-	-	-	-	-
(277) INTRAUTERINE HYPOXIA AND BIRTH ASPHYXIA	-	-	-	-	-	-	-	-
(279) OTHER RESPIRATORY CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	-	-	-	-	-	-	-	-
(280) INFECTIONS SPECIFIC TO THE PERINATAL PERIOD	-	-	-	-	-	-	-	-
(281) OTHER AND UNSPECIFIED CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	-	-	-	-	-	-	-	-
CONGENITAL MALFORMATIONS, DEFORMATIONS AND CHROMOSOMAL ABNORMALITIES	1	1	-	-	1	1	-	1
(283) SPINA BIFIDA	-	-	-	-	-	-	-	-
(284) ALL OTHER CONGENITAL MALFORMATIONS OF NERVOUS SYSTEM	-	1	-	-	-	-	-	-
(285(CONGENITAL MALFORMATIONS OF HEART	-	-	-	-	-	1	-	-
(286) OTHER CONGENITAL MALFORMATIONS OR CIRCULATORY SYSTEM	1	-	-	-	-	-	-	1
(287) CONGENITAL MALFORMATIONS OF RESPIRATORY SYSTEM	-	-	-	-	-	-	-	-
(288) OTHER CONGEITAL MALFORMATIONS AND DEFORMATIONS	-	-	-	-	1	-	-	-
(289) DOWNS SYNDROME	-	-	-	-	-	-	-	-
(290) ALL OTHER CHROMOSOMAL ABNORMALITIES, NOT ELSEWHERE CLASSIFIED	-	-	-	-	-	-	-	-
SYMPTOMS, SIGNS AND ABNORMAL CLINICAL AND LABORATORY FINDINGS, NOT ELSEWHERE CLASSIFIED	3	2	10	-	9	14	26	75
(291) SENILITY	1	-	2	-	-	3	11	27
ILL-DEFINED AND UNKNOWN CAUSE OR MORTALITY	2	1	7	-	6	9	14	36
(292) SUDDEN INFANT DEATH SYNDROME	-	-	-	-	-	-	-	-
(293) OTHER ILL-DEFINED AND UNKNOWN CAUSES OF MORTALITY	2	1	7	-	6	9	14	36
(294) ALL OTHER SYMPTOMS, SIGNS AND ABNORMAL CLINICAL AND LABORATORY FINDINGS, NOT ELSEWHERE CLASSIFIED	-	1	1	-	3	2	1	12
EXTERNAL CAUSES OF MORTALITY	13	17	20	6	23	15	32	49
ACCIDENTS	8	15	13	6	14	14	29	47
TRANSPORT ACCIDENTS	4	3	6	1	3	4	7	3
(295) RAILWAY ACCIDENTS	-	-	-	-	-	-	-	-
MOTOR VEHICLE ACCIDENTS	4	3	5	1	3	4	7	3
(296) PEDESTRIAN COLLISION WITH MOTOR VEHICLE	-	-	-	-	-	-	1	1
(297) PEDALCYCLIST COLLISION WITH MOTOR VEHICLE	-	-	-	-	-	-	-	-
(298) MOTORCYCLIST ANY ACCIDENT EXCEPT COLLISION WITH RAILWY CAR	-	-	-	-	-	-	-	-
MOTOR VEHICLE ACCIDENT WITH RAILWAY TRAIN	1	-	-	-	-	-	-	-
(300) OTHER MOTOR VEHICLE COLLISION WITH RAILWAY TRAIN	-	-	-	-	-	-	-	-
(301) MOTOR VEHICLE COLLISION WITH OTHER (NON-MOTORIZED) ROAD VEHICLE, STREETCAR, ANIMAL OR PEDESTRIN	-	-	-	-	-	-	-	-
(302) CAR, PICKUP TRUCK OR VAN COLLISION WITH OTHER MOTOR VEHICLE	2	-	-	-	-	1	-	1
(303) HEAVY TRANSPORT VEHICLE OR BUS COLLISION WITH OTHER MOTOR VEHICLE	-	1	2	-	2	2	6	1
(304) MOTOR VEHICLE NONCOLLISION ACCIDENT	-	-	-	-	-	-	-	-
(305) SPECIAL-USE MOTOR VEHICLE ANY ACCIDENT	-	1	1	1	-	1	-	-
(306) OTHER AND UNSPECIFIED MOTOR VEHICLE ACCIDENTS	1	1	1	-	1	-	-	-
(308) OTHER AND UNSPECIFIED LAND TRANSPORT ACCIDENTS	-	-	1	-	-	-	-	-
(309) WATER TRANSPORT ACCIDENTS	-	-	-	-	-	-	-	-
(310) AIR AND SPACE TRANSPORT ACCIDENTS	-	-	-	-	-	-	-	-
(311) OTHER AND UNSPECIFIED TRANSPORT ACCIDENTS AND THEIR SEQUELAE	-	-	-	-	-	-	-	-
FALLS	1	6	3	4	8	7	17	35
(312) FALL ON SAME LEVEL	-	1	-	1	1	3	7	13
(313) FALL FROM ONE LEVEL TO ANOTHER	-	1	2	-	1	-	1	1

* ICD-10 SELECTED CAUSE-OF-DEATH LIST OF 358 LINE NUMBER ARE IN PARENTHESES. SEE PAGE 10 FOR CODES.

TABLE 9 (CONCLUDED)

FREQUENCY OF DEATH BY SEX, AGE, AND UP TO 358 SELECTED UNDERLYING CAUSES
MONTANA RESIDENCE 2000

CAUSE OF DEATH*	70 - 74 YEARS		75 - 79 YEARS		80 - 84 YEARS		85 OR OLDER	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
(314) UNSPECIFIED FALL	1	4	1	3	6	4	9	21
(315) ACCIDENTAL DISCHARGE OF FIREARMS	-	-	-	-	-	-	-	-
(317) ACCIDENTAL DROWNING AND SUBMERSION	1	-	1	-	-	-	-	-
(318) ACCIDENTAL INHALATION AND INGESTION OF FOOD OR OTHER OBJECTS CAUSING OBSTRUCTION OF RESPIRATORY TRACT	-	2	-	1	2	-	1	-
(319) OTHER ACCIDENTAL AND UNSPECIFIED THREATS TO BREATHING	-	-	-	-	-	-	1	-
(322) ACCIDENTAL EXPOSURE TO SMOKE, FIRE AND FLAMES	-	1	-	-	-	-	1	-
(325) EARTHQUAKE, VOLCANIC ERUPTION, AVALANCHE, LANDSLIDE AND OTHER EARTH MOVEMENTS	-	-	-	-	-	-	-	-
ACCIDENTAL POISONING AND EXPOSURE TO NOXIOUS SUBSTANCES	-	-	1	-	-	-	-	1
(327) BY AND EXPOSURE TO DRUGS AND OTHER BIOLOGICAL SUBSTANCES	-	-	1	-	-	-	-	-
(328) BY AND EXPOSURE TO OTHER AND UNSPECIFIED SOLID OR LIQUID SUBSTANCES	-	-	-	-	-	-	-	1
(329) BY AND EXPOSURE TO OTHER GASES AND VAPORS	-	-	-	-	-	-	-	-
(330) ALL OTHER AND UNSPECIFIED ACCIDENTS AND THEIR SEQUELAE	2	3	2	2	1	3	2	8
INTENTIONAL SELF-HARM AND SELF-POISONING (SUICIDE)	4	1	4	-	8	1	3	1
(331) POISONING BY AND EXPOSURE TO DRUGS AND OTHER BIOLOGICAL SUBSTANCES	-	-	-	-	1	-	-	-
(332) POISONING BY AND EXPOSURE TO OTHER AND UNSPECIFIED SOLID OR LIQUID SUBSTANCES AND THEIR VAPORS	-	-	-	-	-	-	-	-
(333) POISONING BY AND EXPOSURE TO GASES AND VAPORS	-	-	-	-	-	-	-	-
(334) BY HANGING, STRANGULATION AND SUFFOCATION	-	-	1	-	1	1	-	-
(335) BY DISCHARGE OF FIREARMS	4	-	3	-	6	-	3	1
(337) BY ALL OTHER AND UNSPECIFIED MEANS AND THEIR SEQUELAE	-	1	-	-	-	-	-	-
ASSAULT (HOMICIDE)	-	-	-	-	1	-	-	-
(338) BY DRUGS, BIOLOGICAL SUBSTANCES AND OTHER AND UNSPECIFIED NOXIOUS SUBSTANCES	-	-	-	-	-	-	-	-
(339) BY HANGING, STRANGULATION AND SUFFOCATION	-	-	-	-	-	-	-	-
(340) BY DISCHARGE OF FIREARMS	-	-	-	-	-	-	-	-
(341) BY SHARP OBJECT	-	-	-	-	-	-	-	-
(342) BY BLUNT OBJECT	-	-	-	-	-	-	-	-
(345) NEGLECT, ABANDONMENT AND OTHER MALTREATMENT SYNDROMES	-	-	-	-	-	-	-	-
(346) ASSAULT (HOMICIDE) BY ALL OTHER AND UNSPECIFIED MEANS AND THEIR SEQUELAE	-	-	-	-	1	-	-	-
EVENT OF UNDETERMINED INTENT	-	-	1	-	-	-	-	-
(347) POISONING BY AND EXPOSURE TO DRUGS AND BIOLOGICAL SUBSTANCES, UNDTERMINED INTENT	-	-	-	-	-	-	-	-
(351) DISCHARGE OF FIREARMS, UNDTERMINED INTENT	-	-	1	-	-	-	-	-
(352) ALL OTHER AND UNSPECIFIED EVENTS OF UNDETERMINED INTENT AND THEIR SEQUELAE	-	-	-	-	-	-	-	-
LEGAL INTERVENTION	-	-	-	-	-	-	-	-
(354) OTHER LEGAL INTERVENTION AND THEIR SEQUELAE	-	-	-	-	-	-	-	-
COMPLICATIONS OF MEDICAL AND SURGICAL CARE	1	1	2	-	-	-	-	1
(356)DRUGS, MEDICAMENTS AND BIOLOGICAL SUBSTANCES CAUSING ADVERSE EFFECTS IN THERAPEUTIC USE, AND THEIR SEQUELAE	-	1	-	-	-	-	-	-
(357) MISADVENTURES TO PATIENTS DURING MEDICAL AND SURGICAL CARE, AND THEIR SEQUELAE	-	-	1	-	-	-	-	-
(358) OTHER COMPLICATIONS OF MEDICAL AND SURGICAL CARE AND THEIR SEQUELAE	1	-	1	-	-	-	-	1

* ICD-10 SELECTED CAUSE-OF-DEATH LIST OF 358 LINE NUMBER ARE IN PARENTHESES. SEE PAGE 10 FOR CODES.

TABLE 10

FREQUENCY OF DEATH BY SEX, RACE* AND UP TO 113 SELECTED CAUSES
MONTANA RESIDENTS, 2000

CAUSE OF DEATH	MALE				FEMALE			
	TOTAL	WHITE	Nat.Am.	OTHER	TOTAL	WHITE	Nat.Am.	OTHER
ALL CAUSES	4185	3949	216	20	3886	3719	150	17
(3) CERTAIN OTHER INTESTINAL INFECTIONS	3	3	-	-	1	1	-	-
(#) TUBERCULOSIS	**3**	**3**	**-**	**-**	**1**	**1**	**-**	**-**
(4) RESPIRATORY TUBERCULOSIS	2	2	-	-	1	1	-	-
(5) OTHER TUBERCULOSIS	1	1	-	-	-	-	-	-
(9#) SEPTICEMIA	**40**	**39**	**1**	**-**	**31**	**30**	**1**	**-**
(14#) VIRAL HEPATITIS	**7**	**4**	**1**	**2**	**4**	**2**	**2**	**-**
(15#) HUMAN IMMUNODEFICIENCY VIRUS (HIV)	**8**	**8**	**-**	**-**	**-**	**-**	**-**	**-**
(17) OTHER AND UNSPECIFIED INFECTIOUS AND PARASITIC DISEASES AND THEIR SEQUELAE	6	6	-	-	7	5	2	-
(#) MALIGNANT NEOPLASMS	**1008**	**971**	**33**	**4**	**653**	**614**	**30**	**9**
(18) MALIGNANT NEOPLASMS OF LIP, ORAL CAVITY AND PHARYNX	16	16	-	-	9	8	-	1
(19) MALIGNANT NEOPLASM OF ESOPHAGUS	44	44	-	-	4	4	-	
(20) MALIGNANT NEOPLASM OF STOMACH	15	15	-	-	15	14	1	
(21) MALIGNANT NEOPLASMS OF COLON, RECTUM AND ANUS	108	105	1	2	90	84	5	1
(22) MALIGNANT NEOPLASMS OF LIVER AND INTRAHEPTIC BILE DUCTS	21	20	1	-	15	14	1	
(23) MALIGNANT NEOPLASMS OF PANCREAS	57	56	1	-	43	43	-	
(24) MALIGNANT NEOPLASM OF LARYNX	9	9	-	-	2	2	-	
(25) MALIGNANT NEOPLASMS OF TRACHEA, BRONCHUS AND LUNG	279	269	10	-	204	191	11	2
(26) MALIGNANT MELANOMA OF SKIN	24	23	1	-	5	5	-	-
(27) MALIGNANT NEOPLASM OF BREAST	2	2	-	-	130	124	5	1
(28) MALIGNANT NEOPLASM OF CERVIX UTERI	-	-	-	-	13	13	-	
(29) MALIGNANT NEOPLASMS OF CORPUS UTERI AND UTERUS,PART UNSPECIFIED	-	-	-	-	26	26	-	
(30) MALIGNANT NEOPLASM OF OVERY	-	-	-	-	50	50	-	
(31) MALIGNANT NEOPLASM OF PROSTRATE	108	105	3	-	-	-	-	
(32) MALIGNANT NEOPLASMS OF KIDNEY AND RENAL PELVIS	31	29	2	-	16	16	-	
(33) MALIGNANT NEOPLASM OF BLADDER	37	37	-	-	17	17	-	
(34) MALIGNANT NEOPLASMS OF MENINGES, BRAIN AND OTHER PARTS OF CENTRAL NERVOUS SYSTEM	27	25	2	-	25	24	1	
MALIGNANT NEOPLASMS OF LYMPHOID, HEMOPOIETIC AND RELATED TISSUE	113	105	6	2	82	78	3	1
(35) HODGKIN'S DISEASE	3	2	-	1	1	1	-	-
(36) NON-HODGKIN'S LYMPHOMIA Non-Hodgkin's lymphoma	36	36	2	-	29	28	-	1
(38) MULTIPLE MYELOMA AND IMMUNOPROLIFERATIVE NEOPLASMS	2460	2321	127	12	2662	2558	97	7
(39) OTHER AND UNSPECIFIED MALIGNANT NEOPLASMS OF LYMPHOID, HEMATOPOETIC AND RELATED TISSUES	-	-	-	-	1	1	-	-
(40) ALL OTHER AND UNSPECIFIED MALIGNANT NEOPLASMS	117	111	6	-	107	101	3	3
(41#) IN SITUE NEOPLASMS, BENIGN NEOPLASMS AND NEOPLASMS OF UNCERTAIN OR UNKNOWN BEHAVIOR	**32**	**32**	**-**	**-**	**22**	**22**	**-**	-
(42#) AMEMIAS	**5**	**5**	**-**	**-**	**15**	**15**	**-**	-
(43#) DIABETES MELLITUS	**109**	**96**	**13**	**-**	**117**	**114**	**3**	**-**
(#) NUTRITIONAL DEFICIENCIES	**7**	**7**	**-**	**-**	**24**	**23**	**1**	**-**
(44) MALNUTRITION	6	6	-	-	22	21	1	
(45) OTHER NUTRITIONAL DEFICIENCIES	1	1	-	-	2	2	-	
(46#) MENINGITIS	**2**	**2**	**-**	**-**	**1**	**1**	**-**	**-**
(47#) PAKINSON'S DISEASE	**35**	**35**	**-**	**-**	**22**	**21**	**1**	**-**
(48#) ALZHEIMER'S DISEASE	**56**	**56**	**-**	**-**	**181**	**156**	**3**	**-**
MAJOR CARDIOVASCULAR DISEASES	1426	1373	53	2	1351	1310	36	5
(#) DISEASES OF HEART	**894**	**862**	**32**	**-**	**674**	**651**	**21**	**2**
(49) ACUTE RHEUMATIC FEVER AND CHRONIC RHEUMATIC HEART DISEASES	9	9	-	-	13	13	-	-
(50) HYPERTENSIVE HEART DISEASE	20	18	2	-	18	16	-	
(51) HYPERTENSIVE HEART AND RENAL DISEASE	1	1	-	-	-	-	-	-
(52) ACUTE MYOCARDIAL INFARCTION	287	276	11	-	195	189	5	1
(53) OTHER ACUTE ISCHEMIC HEART DISEASES	1	1	-	-	1	1	-	-
OTHER FORMS OF CHRONIC ISCHEMIC HEART DISEASE	443	427	16	-	286	275	10	1
(54) ATHEROSCLEROTIC CARDIOVASCULAR DISEASE, SO DESCRIBED	89	88	1	-	56	53	2	1
(55) ALL OTHER FORMS OF CHRONIC HEART DISEASE	354	339	15	-	230	222	8	-
(59) ALL OTHER FORMS OF HEART DISEASE	189	177	10	2	228	223	3	2
(60#) ESSENTIAL (PRIMARY) HYPERTENSION AND HYPERSENSIVE RENAL RENAL DISEASE	**13**	**13**	**-**	**-**	**25**	**25**	**-**	**-**
(61#) CEREBROVASCULAR DISEASES	**245**	**236**	**9**	**-**	**336**	**327**	**10**	**1**
(62#)ATHEROSCLEROSIS	**26**	**28**	**-**	**-**	**44**	**43**	**1**	**-**
OTHER DISEASES OF CIRCULATORY SYSTEM	59	57	2	-	42	41	1	-
(63#) AORTIC ANEURYSM AND DISSECTION	**35**	**33**	**2**	**-**	**22**	**21**	**1**	**-**
(64) OTHER DISEASES OF ARTERIES, ARTERIOLES AND CAPILLARIES	24	24	-	-	20	20	-	-
(65) OTHER DISORDERS OF CIRCULATORY SYSTEM	9	7	1	1	-	-	-	-
(#) INFLUENZA AND PNEUMONIA	**93**	**86**	**6**	**-**	**107**	**102**	**5**	**-**
(66) INFLUENZA	3	3	-	-	7	7	-	-

* ANY RACIAL CATEGORY MAY INCLUDE "HISPANIC"; "OTHER" ALSO INCLUDES RACE NOT STATED. LIVE BIRTHS AND FETAL ICD-10 SELECTED CAUSE-OF-DEATH LIST OF 113 LINE NUMBERS ARE IN PARENTHESES. RANKABLE CAUSE-OF-DEATH ARE DESIGNATED BY A "#" SIGN. SEE PAGE 22 FOR CODES.

TABLE 10, CONCLUDED

FREQUENCY OF DEATH BY SEX, RACE* AND UP TO 113 SELECTED CAUSES
MONTANA RESIDENTS, 2000

CAUSE OF DEATH	MALE				FEMALE			
	TOTAL	WHITE	Nat.Am.	OTHER	TOTAL	WHITE	Nat.Am.	OTHER
(67) PNEUMONIA	92	83	9	-	100	95	5	-
(#) CHRONIC LOWER RESPIRATORY DISEASE	**269**	**253**	**14**	**2**	**240**	**242**	**7**	**-**
(70) BRONCHITIS, CHRONIC AND UNSPECIFIED	-	-	-	-	2	2	-	-
(71) EMPHYSEMIA	39	37	2	-	29	29	-	-
(72) ASTHMA	5	5	-	-	9	9	-	-
(73) OTHER CHRONIC LOWER RESPIRATORY DISEASES	225	211	12	2	209	202	7	-
(74#) PNEUMOCONIOSES AND CHEMICAL EFFECTS	3	3	-	-	-	-	-	-
(75#) PNEUMONITIS DUE TO SOLIDS AND LIQUIDS	**30**	**29**	**1**	**-**	**20**	**17**	**3**	**-**
(76) OTHER DISEASES OF RESPIRATORY SYSTEM	47	46	1	-	40	40	-	-
(77#) PEPTIC ULCER	**5**	**4**	**-**	**1**	**12**	**12**	**-**	**-**
(78#) DISEASES OF APPENDIX	**2**	**2**	**-**	**-**	-	-	-	-
(79#) HERNIA	**4**	**4**	**-**	**-**	**3**	**3**	**-**	**-**
(#) CHRONIC LIVER DISEASE AND CIRRHOSIS	**48**	**39**	**7**	**2**	**37**	**25**	**12**	**-**
(80) ALCOHOLIC LIVER DISEASE	29	24	4	1	17	11	6	-
(81) OTHER CHRONIC LIVER DISEASE AND CIRRHOSIS	19	15	3	1	20	14	6	-
(82#) CHOLETITHIASIS AND OTHER DISORDERS OF GALLBLADDER	**5**	**5**	**-**	**-**	**8**	**8**	**-**	**-**
(#) NEPHRITIS, NEPHROTICSYNDROM AND NEPHROSIS	**56**	**54**	**2**	**-**	**59**	**52**	**5**	**2**
(83) ACUTE AND RAPIDLY PROGRASSIVE NEPHRITIC AND NEPHROTIC SYNDROME	2	2	-	-	-	-	-	-
(84) CHRONIC GLOMERULONEPHRITIS-NEPHRITIS NOT SPECIFIED AS ACUTE OR CHRONIC, RENAL SCLEROSIS UNSPECIFIED	1	1	-	-	1	1	-	-
(85) RENAL FAILURE	52	50	2	-	58	51	5	2
(86) OTHER DISORDERS OF KIDNEY	1	1	-	-	-	-	-	-
(87#) INFECTIONS OF KIDNEY	**3**	**3**	**-**	**-**	**2**	**2**	**-**	**-**
(88#) HYPERPLASIA OF PROSTATE	**3**	**3**	**-**	**-**	-	-	-	-
(#) PREGNANCY, CHILDBIRTH AND THE PUERPIUM	-	-	-	-	**2**	**2**	**-**	**-**
(91) OTHER COMPLICATIONS OF PREGNANCY, CHILDBIRTH AND THE PUERPERIUM	-	-	-	-	2	2	-	-
(92#) CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	**12**	**10**	**2**	**-**	**13**	**7**	**5**	**1**
(93#) CONGENITAL MALFORMATIONS, DEFORMATION AND CHROMOSOMAL ABNORMALITIES	**15**	**14**	**1**	**-**	**15**	**14**	**1**	**-**
(94) SYMPTOMS, SIGNS AND ABNORMAL CLINICAL AND LABORATORY FINDINGS, NOT ELSEWHER E CLASSIFIED	71	63	8	-	112	110	2	-
(95) ALL OTHER DISEASES (RESIDUAL)	273	261	11	1	385	375	10	-
(#) ACCIDENTS	**310**	**285**	**42**	**3**	**174**	**155**	**19**	**-**
TRANSPORT ACCIDENTS	172	144	27	1	76	63	13	-
(96) MOTOER VEHICLE ACCIDENTS	156	130	25	1	72	59	13	-
(97) OTHER LAND TRANSPORT ACCIDENTS	5	3	2	-	2	2	-	-
(98) WATER, AIR AND SPACE AND OTHER UNSPECIFIED TRANSPORT ACCIDENTS AND THEIR SEQUELAE	11	11	-	-	2	2	-	-
NONTRANSPORT ACCIDENTS	135	116	15	2	97	91	6	-
(#) INTENTIAL SELF-HARM (SUICIDE)	**135**	**128**	**6**	**1**	**22**	**20**	**2**	**-**
(105) INTENTIAL SELF-HARM (SUICIDE) BY DISCHARGE OF FIEARMS	101	97	3	1	6	6	-	-
(106) INTENTIONAL SELF-HARM (SUICIDE) BY OTHER AND UNSPECIFIED MEANS AND THEIR SEQUELAE	34	31	3	-	16	14	2	-
(#) ASSAULT (HOMICIDE)	**24**	**15**	**8**	**1**	**11**	**11**	**-**	**-**
(107) ASSAULT (HOMICIDE) BY DISCHARGE OF FIREARMS	11	9	2	-	5	5	-	-
(108) ASSAULT (HOMICIDE) BY OTHER AND UNSPECIFIED MEANS AND THEIR SEQUELAE	13	6	6	1	6	6	-	-
(109#) LEGAL INTERVENTION	**2**	**2**	**-**	**-**	**-**	**-**	**-**	**-**
EVENTS OF UNDETERMINED INTENT	11	9	2	-	3	3	-	-
(110) DISCHARGE OF FIREARMS, UNDETERMINED INTENT	2	2	-	-	-	-	-	-
(113#) COMPLICATIONS OF MEDICAL AND SURGICAL CARE	**4**	**4**	**-**	**-**	**2**	**2**	**-**	**-**

*** ANY RACIAL CATEGORY MAY INCLUDE "HISPANIC"; "OTHER" ALSO INCLUDES RACE NOT STATED. LIVE BIRTHS AND FETAL ICD-10 SELECTED CAUSE-OF-DEATH LIST OF 113 LINE NUMBERS ARE IN PARENTHESES. RANKABLE CAUSE-OF-DEATH ARE DESIGNATED BY A "#" SIGN. SEE PAGE 22 FOR CODES.**

TABLE 11

FREQUENCY OF DEATH FROM SELECTED CAUSES BY COUNTY OF RESIDENCE
MONTANA, 2000

COUNTY	ICD 9	800-949	540-543	140-208	430-438	250	390-398, 402, 404, 410-429	487	320-322	580-589	480-486	045, 138	010-018, 137	ALL OTHER CAUSES
	ICD 10	V01-X59, Y85-Y86	K35-K38	C00-C97	I60-I69	E10-E14	I00-I09, I11, I13, I20-I51	J10-J18	G00 G03	N00-N07, N17-N19, N25-N27	J12-J18	A80, B91	A16-A19, B90	
	TOTAL	ACCI-DENTS	APPEN-DICITIS	CANCER	CEREBRO-VASCULAR DISEASE*	DIABETES	HEART DISEASE	INFLU-ENZA	MENIN-GITIS	NEPH-RITIS	PNEU-MONIA	POLIO-MYELITIS	TUBER-CULOSIS	
MONTANA TOTAL	**8,071**	**484**	**1**	**1,861**	**583**	**226**	**1,985**	**10**	**3**	**116**	**192**	**1**	**4**	**2,606**
BEAVERHEAD	72	5	-	18	4	1	14	-	-	-	1	-	-	29
BIG HORN	102	18	-	20	7	3	24	-	-	-	-	-	-	30
BLAINE	65	11	-	14	3	1	15	-	-	2	1	-	-	18
BROADWATER	49	4	-	17	1	-	8	-	-	2	4	-	-	13
CARBON	108	7	-	31	7	2	33	-	-	1	-	-	-	27
CARTER	18	-	-	2	1	-	9	-	-	1	1	-	-	4
CASCADE	791	48	-	172	43	31	197	-	-	9	13	-	-	278
CHOUTEAU	78	3	-	15	5	1	30	-	-	1	5	-	-	18
CUSTER	135	11	-	32	9	2	32	-	-	5	2	-	-	42
DANIELS	21	-	-	3	5	-	4	-	-	2	1	-	-	6
DAWSON	93	4	-	19	7	2	25	-	-	1	7	-	-	28
DEER LODGE	131	4	-	34	11	1	36	-	-	3	5	-	-	37
FALLON	24	-	-	3	1	-	11	-	-	-	-	-	-	9
FERGUS	160	4	-	32	10	10	43	-	-	4	11	-	-	46
FLATHEAD	652	29	-	158	46	15	186	-	-	14	12	1	-	191
GALLATIN	356	32	1	65	20	7	82	-	-	2	12	-	1	134
GARFIELD	9	-	-	2	2	-	4	-	-	1	-	-	-	-
GLACIER	113	16	-	24	4	6	17	-	-	1	5	-	-	40
GOLDEN VALLEY	9	-	-	5	-	-	3	-	-	-	-	-	-	1
GRANITE	33	1	-	5	3	1	11	1	-	-	2	-	-	9
HILL	143	7	-	33	11	4	38	-	-	4	5	-	-	41
JEFFERSON	64	5	-	14	5	2	14	-	-	2	-	-	-	22
JUDITH BASIN	16	1	-	7	-	1	2	-	-	-	-	-	-	5
LAKE	274	21	-	64	20	9	59	-	1	7	3	-	1	89
LEWIS & CLARK	439	18	-	101	35	8	100	2	-	4	12	-	1	158
LIBERTY	17	-	-	5	1	-	4	-	-	-	-	-	-	7
LINCOLN	203	10	-	59	17	11	53	2	-	-	1	-	-	50
MCCONE	21	-	-	5	-	-	5	-	-	-	-	-	-	11
MADISON	76	5	-	13	8	1	28	-	-	-	2	-	-	19
MEAGHER	22	1	-	5	-	-	9	-	-	-	-	-	-	7
MINERAL	28	2	-	8	1	2	10	-	-	1	1	-	-	3
MISSOULA	640	53	-	132	44	13	141	1	-	11	14	-	-	231
MUSSELSHELL	61	1	-	19	2	1	15	-	-	1	1	-	-	21
PARK	157	6	-	32	13	6	39	-	-	5	5	-	-	51
PETROLEUM	2	-	-	2	-	-	-	-	-	-	-	-	-	-
PHILLIPS	58	3	-	10	4	2	19	-	1	-	2	-	-	17
PONDERA	86	5	-	17	6	1	16	-	-	2	1	-	-	38
POWDER RIVER	30	-	-	6	1	-	3	-	-	-	-	-	-	20
POWELL	62	7	-	16	2	1	14	-	-	1	1	-	-	20
PRAIRIE	14	-	-	4	1	-	4	-	-	1	-	-	-	4
RAVALLI	293	16	-	60	28	4	70	1	-	6	10	-	-	98
RICHLAND	98	5	-	24	7	3	36	-	-	-	2	-	-	21
ROOSEVELT	106	6	-	23	6	9	20	1	-	2	8	-	-	31
ROSEBUD	63	6	-	17	3	1	13	-	-	1	1	-	-	21
SANDERS	110	7	-	30	5	1	28	-	-	-	3	-	-	36
SHERIDAN	55	1	-	14	3	5	13	-	-	-	2	-	-	17
SILVER BOW	431	22	-	110	39	15	106	-	-	1	12	-	-	126
STILLWATER	67	4	-	25	3	1	16	-	-	2	3	-	-	13
SWEET GRASS	41	2	-	11	3	2	12	-	-	-	1	-	-	10
TETON	69	4	-	13	7	3	20	-	-	-	-	-	-	22
TOOLE	55	3	-	13	8	1	12	-	-	-	2	-	-	16
TREASURE	9	1	-	4	-	-	2	-	-	-	-	-	-	2
VALLEY	80	7	-	21	3	5	17	-	-	3	1	-	-	23
WHEATLAND	29	2	-	7	3	1	6	-	-	-	-	-	-	10
WIBAUX	13	-	-	4	1	-	4	-	-	-	-	-	-	4
YELLOWSTONE	1,119	56	-	262	104	30	253	2	1	12	17	-	1	381
YELLOWSTONE PARK	1	-	-	-	-	-	-	-	-	-	-	-	-	1
NOT STATED	-	-	-	-	-	-	-	-	-	-	-	-	-	-

* INCLUDES "STROKE."

TABLE 12

FREQUENCY OF INFANT DEATH BY UP TO 130 SELECTED UNDERLYING CAUSES
MONTANA RESIDENT, 2000

CAUSE OF DEATH (NCHS LIST 130)*	TOTAL UNDER 1 YEAR				LESS THAN 8 DAYS				8 TO 28 DAYS				29 DAYS TO LESS THAN 1 YEAR			
	TOTAL	WHITE RACE	NAT. AM.	OTHER RACES	TOTAL	WHITE RACE	NAT. AM.	OTHER RACES	TOTAL	WHITE RACE	NAT. AM.	OTHER RACES	TOTAL	WHITE RACE	NAT. AM.	OTHER RACES
ALL CAUSES	63	49	13	1	36	27	8	1	5	3	2	-	22	19	3	-
CERTAIN INFECTIOUS AND PARASITIC DISEASES	1	1	-	-	-	-	-	-	-	-	-	-	1	1	-	-
(88) SEPTICEMIA	**1**	**1**	-	-	-	-	-	-	-	-	-	-	**1**	**1**	-	-
ENDOCRINE, NUTRITIONAL AND METABOLIC DISEASES	2	-	2	-	1	-	1	-	-	-	-	-	1	-	1	-
(31#) VOLUME DEPLETIDN, DISORDERS OF FLUID, ELECTROLYTE AND ACID-BASE BALANCE	**2**	-	**2**	-	**1**	-	**1**	-	-	-	-	-	**1**	-	**1**	-
DISEASES OF THE RESPIRATORY SYSTEM	2	2	-	-	-	-	-	-	-	-	-	-	2	2	-	-
(#) INFLUENZA AND PNEUMONIA	**1**	**1**	-	-	-	-	-	-	-	-	-	-	**1**	**1**	-	-
(47#) PNEUMONIA	**1**	**1**	-	-	-	-	-	-	-	-	-	-	**1**	**1**	-	-
(52) OTHER AND UNSPECIFIED DISEASES OF RESPIRATORY SYSTEM	1	1	-	-	-	-	-	-	-	-	-	-	1	1	-	-
DISEASES OF THE DIGESTIVE SYSTEM	1	1	-	-	-	-	-	-	-	-	-	-	1	1	-	-
(54#) HERNIA OF ABDOMINAL CAVITY AND INTESTINAL OBSTRUCTION WITHOUT HERNIA	**1**	**1**	-	-	-	-	-	-	-	-	-	-	**1**	**1**	-	-
DISEASES OF THE GENITOURINARY SYSTEM	1	1	-	-	-	-	-	-	-	-	-	-	1	1	-	-
(56#) RENAL FAILURE AND OTHER DISORDERS OF KIDNEY	**1**	**1**	-	-	-	-	-	-	-	-	-	-	**1**	**1**	-	-
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	24	16	7	1	22	15	8	1	2	1	1	-	-	-	-	-
NEWBORN AFFECTED BY MATERNAL FACTORS AND BY COMPLICATIONS OF PREGNANCY, LABOR AND DELIVERY	8	6	2	-	8	6	2	-	-	-	-	-	-	-	-	-
(#) NEWBORN AFFECTED BY MATERNAL COMPLICATIONS OF PREGNANCY	**4**	**3**	**1**	-	**4**	**3**	**1**	-	-	-	-	-	-	-	-	-
(61) NEWBORN AFFECTED BY PREMATURE RUPTURE OF MEMBRANES	2	1	1	-	2	1	1	-	-	-	-	-	-	-	-	-
(62) NEWBORN AFFECTED BY MULTIPLE PREGNANCIES	1	1	-	-	1	1	-	-	-	-	-	-	-	-	-	-
(63#) NEWBORN AFFECTED BY OTHER MATERNAL COMPLICATIONS OF PREGNANCY	**1**	**1**	-	-	**1**	**1**	-	-	-	-	-	-	-	-	-	-
(#) NEWBORN AFFECTED BY COMPLICATIONS OF PLACENTA, CORD AND MEMBRANES	**4**	**3**	**1**	-	**4**	**3**	**1**	-	-	-	-	-	-	-	-	-
(65) NEWBORN AFFECTED BY COMPLICATIONS INVOLVING CORD	2	2	-	-	2	2	-	-	-	-	-	-	-	-	-	-
DISORDERS RELATED TO LENGTH OF GESTATION AND FETAL MALNUTRITION	5	3	1	1	5	3	1	1	-	-	-	-	-	-	-	-
(71) EXTREAMLY LOW BIRTH WEIGHT OR EXTREAM IMMATURITY	5	3	1	1	5	3	1	1	-	-	-	-	-	-	-	-
(#) INTRAUTERINE HYPOXIA AND BIRTH ASPHYXIA	**2**	**2**	-	-	**2**	**2**	-	-	-	-	-	-	-	-	-	-
(76) BIRTH ASPHYXIA	2	2	-	-	2	2	-	-	-	-	-	-	-	-	-	-
OTHER RESPRATORY CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	1	1	-	-	-	-	-	-	1	1	-	-	-	-	-	-
(79#) NEONATAL ASPIRATION SYNDROMES	**1**	**1**	-	-	-	-	-	-	**1**	**1**	-	-	-	-	-	-
INFECTIONS SPECIFIC TO THE PERINATAL PERIOD	2	-	2	-	1	-	1	-	1	-	1	-	-	-	-	-
(85#) BACTERIAL SEPSIS OF THE NEWBORN	**2**	-	**2**	-	**1**	-	**1**	-	**1**	-	**1**	-	-	-	-	-
HEMORRHAGIC AND HEMATOLOGICAL DISORDERS OF THE NEWBORN	3	2	1	-	3	2	1	-	-	-	-	-	-	-	-	-
(88#) NEONATAL HEMORAGE	3	2	1	-	3	2	1	-	-	-	-	-	-	-	-	-
(94#) HYDROPS FETALIS NOT DUE TO HEMOLYTIC DISEASE	**1**	-	**1**	-	**1**	-	**1**	-	-	-	-	-	-	-	-	-
(95) OTHER PERINATAL CONDITIONS	2	2	-	-	2	2	-	-	-	-	-	-	-	-	-	-
(#) CONGENITAL MALFORMATIONS, DEFORMATIES AND CHROMOSOMAL ABNORMALITIES	**14**	**13**	**1**	-	**12**	**11**	**1**	-	**1**	**1**	-	-	**1**	**1**	-	-
(98) SPINA BIFIDA	1	-	1	-	1	-	1	-	-	-	-	-	-	-	-	-
(100) CONGENITAL MALFORMATIONS OF THE HEART	5	5	-	-	4	4	-	-	1	1	-	-	-	-	-	-
(102) CONGENITAL MALFORMATIONS OF RESPIRATORY SYSTEM	4	4	-	-	4	4	-	-	-	-	-	-	-	-	-	-
(104) CONGENITAL MALFORMATIONS OF GENITOURINARY SYSTEM	1	1	-	-	1	1	-	-	-	-	-	-	-	-	-	-
(108) PATAU'S SYNDROME	2	2	-	-	2	2	-	-	-	-	-	-	-	-	-	-
(109) OTHER CONGENITAL MALFORMATIONS AND DEFORMATIONS	1	1	-	-	-	-	-	-	-	-	-	-	1	1	-	-
SIGNS AND ABNORMAL CLINICAL AND LABORATORY FINDINGS, NOT ELSE WHERE CLASSIFIED	12	10	2	-	-	-	-	-	2	1	1	-	10	9	1	-
(111#) SUDDEN INFANT DEATH SYNDROME	**11**	**9**	**2**	-	-	-	-	-	**1**	-	**1**	-	**10**	**9**	**1**	-
EXTERNAL CAUSES OF MORTALITY	6	5	1	-	1	1	-	-	-	-	-	-	5	4	1	-
(#) ACCIDENTS	**5**	**4**	**1**	-	-	-	-	-	-	-	-	-	**5**	**4**	**1**	-
TRANSPORT ACCIDENTS	2	2	-	-	-	-	-	-	-	-	-	-	2	2	-	-
(114) MOTOR VEHICLE ACCIDENTS	2	2	-	-	-	-	-	-	-	-	-	-	2	2	-	-
(119) ACCIDENTAL SUFFICATION AND STRANGULATION IN BED	1	1	-	-	-	-	-	-	-	-	-	-	1	1	-	-
(120) OTHER ACCIDENTAL SUFFOCATION AND STRANGULATION	1	1	-	-	-	-	-	-	-	-	-	-	1	1	-	-
(121) ACCIDENTAL INHALATION AND INGESTATION OF OBJECTS CAUSING OBSTRUCTION OF RESPIRATORY TRACT	1	-	1	-	-	-	-	-	-	-	-	-	1	-	1	-
(#) ASSAULT (HOMICIDE)	**1**	**1**	-	-	**1**	**1**	-	-	-	-	-	-	-	-	-	-
(125) ASAULT (HOMICIDE) BY HANGING, STRANGULATION AND SUFFICATION	1	1	-	-	1	1	-	-	-	-	-	-	-	-	-	-
(130) OTHER EXTERNAL CAUSES AND THEIR SEQUELAE	1	1	-	-	1	1	-	-	-	-	-	-	-	-	-	-

* ANY RACIAL CATEDORY MAY INCLUDE "HISPANIC"; "OTHER" ALSO INCLUDES RACE NOT STATED. LIVE BIRTHS AND FETAL ICD-10 SELECTED CAUSE-OF-DEATN LIST 113 LINE NUMBERS ARE IN PARENTHESIS. RANKABLE CAUSE-OF-DEATH ARE DESIGNATED BY A "#" SIGN. SEE PAGE 26 FOR CODES.

* ANY RACIAL CATEGORY MAY INCLUDE "HISPANIC"; "OTHER" ALSO INCLUDES RACE NOT STATED. LIVE BIRTHS AND FETAL ICD-10 SELECTED CAUSE-OF-DEATH LIST OF 130 LINE NUMBERS ARE IN PARENTHESES. RANKABLE CAUSE-OF-DEATH ARE DESIGNATED BY A "#" SIGN. SEE PAGE 26 FOR CODES.

TABLE 13

FREQUENCY OF INFANT MORTALITY BY AGE, RACE* AND COUNTY OF RESIDENCE
FIVE-YEAR INFANT MORTALITY RATE BY COUNTY OF RESIDENCE
MONTANA, 2000

COUNTY	TOTAL UNDER 1 YEAR			1 TO 7 DAYS			8 TO 28 DAYS			29 DAYS TO 1 YEAR			INFANT MORTALITY RATE+ 1996-2000		
	TOTAL	WHITE	OTHER	TOTAL	WHITE	OTHER	TOTAL	WHITE	OTHER	TOTAL	WHITE	OTHER	DEATHS	BIRTHS	RATE
MONTANA TOTAL	63	49	14	36	27	9	5	3	2	22	19	3	364	54,196	6 7
BEAVERHEAD	1	1	-	-	-	-	-	-	-	1	1	-	3	483	6 2
BIG HORN	1	-	1	-	-	-	-	-	-	1	-	1	13	1,206	10 8
BLAINE	-	-	-	-	-	-	-	-	-	-	-	-	5	555	9 0
BROADWATER	-	-	-	-	-	-	-	-	-	-	-	-	2	200	10 0
CARBON	1	1	-	1	1	-	-	-	-	-	-	-	5	438	11 4
CARTER	-	-	-	-	-	-	-	-	-	-	-	-	1	63	15 9
CASCADE	9	6	3	5	3	2	-	-	-	4	3	1	47	5,435	8 6
CHOUTEAU	-	-	-	-	-	-	-	-	-	-	-	-	0	215	0 0
CUSTER	-	-	-	-	-	-	-	-	-	-	-	-	4	676	5 9
DANIELS	-	-	-	-	-	-	-	-	-	-	-	-	1	79	12 7
DAWSON	-	-	-	-	-	-	-	-	-	-	-	-	2	453	4 4
DEER LODGE	-	-	-	-	-	-	-	-	-	-	-	-	1	454	2 2
FALLON	-	-	-	-	-	-	-	-	-	-	-	-	0	136	0 0
FERGUS	3	3	-	2	2	-	-	-	-	1	1	-	8	573	14 0
FLATHEAD	5	5	-	3	3	-	-	-	-	2	2	-	32	4,512	7 1
GALLATIN	6	6	-	3	3	-	1	1	-	2	2	-	16	3,853	4 2
GARFIELD	-	-	-	-	-	-	-	-	-	-	-	-	0	91	0 0
GLACIER	1	-	1	1	-	1	-	-	-	-	-	-	9	1,152	7 8
GOLDEN VALLEY	-	-	-	-	-	-	-	-	-	-	-	-	0	59	0 0
GRANITE	-	-	-	-	-	-	-	-	-	-	-	-	0	146	0 0
HILL	2	2	-	-	-	-	-	-	-	2	2	-	8	1,370	5 8
JEFFERSON	-	-	-	-	-	-	-	-	-	-	-	-	0	431	0 0
JUDITH BASIN	-	-	-	-	-	-	-	-	-	-	-	-	1	110	9 1
LAKE	4	1	3	3	1	2	1	-	1	-	-	-	17	1,671	10 2
LEWIS & CLARK	2	2	-	1	1	-	-	-	-	1	1	-	15	3,315	4 5
LIBERTY	-	-	-	-	-	-	-	-	-	-	-	-	1	108	9 3
LINCOLN	1	1	-	1	1	-	-	-	-	-	-	-	8	916	8 7
MCCONE	-	-	-	-	-	-	-	-	-	-	-	-	0	137	0 0
MADISON	-	-	-	-	-	-	-	-	-	-	-	-	4	250	16 0
MEAGHER	-	-	-	-	-	-	-	-	-	-	-	-	0	117	0 0
MINERAL	1	1	-	1	1	-	-	-	-	-	-	-	2	190	10 5
MISSOULA	7	6	1	6	6	-	-	-	-	1	-	1	30	5,339	5 6
MUSSELSHELL	1	1	-	1	1	-	-	-	-	-	-	-	6	232	25 9
PARK	1	1	-	-	-	-	-	-	-	1	1	-	4	890	4 5
PETROLEUM	-	-	-	-	-	-	-	-	-	-	-	-	0	28	0 0
PHILLIPS	-	-	-	-	-	-	-	-	-	-	-	-	0	220	0 0
PONDERA	1	1	-	1	1	-	-	-	-	-	-	-	4	390	10 3
POWDER RIVER	-	-	-	-	-	-	-	-	-	-	-	-	0	87	0 0
POWELL	-	-	-	-	-	-	-	-	-	-	-	-	2	303	6 6
PRAIRIE	-	-	-	-	-	-	-	-	-	-	-	-	0	59	0 0
RAVALLI	1	1	-	-	-	-	-	-	-	1	1	-	7	1,915	3 7
RICHLAND	1	1	-	1	1	-	-	-	-	-	-	-	3	552	5 4
ROOSEVELT	-	-	-	-	-	-	-	-	-	-	-	-	10	995	10 1
ROSEBUD	4	1	3	2	-	2	1	-	1	1	1	-	12	796	15 1
SANDERS	2	1	1	1	-	1	-	-	-	1	1	-	6	511	11 7
SHERIDAN	-	-	-	-	-	-	-	-	-	-	-	-	0	170	0 0
SILVER BOW	1	1	-	-	-	-	1	1	-	-	-	-	10	1,979	5 1
STILLWATER	1	1	-	-	-	-	-	-	-	1	1	-	1	400	2 5
SWEET GRASS	-	-	-	-	-	-	-	-	-	-	-	-	2	180	11 1
TETON	-	-	-	-	-	-	-	-	-	-	-	-	2	365	5 5
TOOLE	-	-	-	-	-	-	-	-	-	-	-	-	0	271	0 0
TREASURE	-	-	-	-	-	-	-	-	-	-	-	-	0	33	0 0
VALLEY	-	-	-	-	-	-	-	-	-	-	-	-	0	461	0 0
WHEATLAND	-	-	-	-	-	-	-	-	-	-	-	-	2	141	14 2
WIBAUX	-	-	-	-	-	-	-	-	-	-	-	-	0	60	0 0
YELLOWSTONE	6	5	1	3	2	1	1	1	-	2	2	-	57	8,399	6 8
YELLOWSTONE PARK	-	-	-	-	-	-	-	-	-	-	-	-	0	1	0 0
NOT STATED	-	-	-	-	-	-	-	-	-	-	-	-	0	16	0 0

* EITHER RACIAL CATEGORY MAY INCLUDE "HISPANIC"; "OTHER" ALSO INCLUDES RACE NOT STATED.
+ PER 1,000 LIVE BIRTHS.

TABLE 14

FREQUENCY AND RATE OF DEATH FROM SELECTED COMMUNICABLE DISEASES BY YEAR*
MONTANA, 1910-2000

ICD-9	051		032		487		055		036	
ICD-10	A05		A36		J10-J11		805		A39	
YEAR	BOTULISM+		DIPHTHERIA		INFLUENZA		MEASLES		MENINGOCOCCAL INFECTION	
	NUMBER	RATE**	NUMBER	RATE**	NUMBER	RATE**	NUMBER	RATE**	NUMBER	RATE**
1910	-	0 0	61	16 2	24	6 4	16	4 3	1	0.3
1915	5	1 1	21	4 5	41	8 8	7	1 5	7	1 5
1920	4	0 7	32	5 8	304	55 4	27	4 9	15	2.7
1925	6	1 1	34	6 3	109	20.1	5	0 9	5	0 9
1930	7	1 3	4	0 7	102	19 0	12	2 2	22	4 1
1935	3	0 5	14	2 5	173	31 5	49	8 9	15	2 7
1940	2	0 4	6	1 1	77	13 8	5	0 9	6	1 1
1945	1	0 2	4	0 8	47	9 3	1	0 2	3	0 6
1946	1	0 2	5	1 0	25	4 8	3	0 6	3	0 6
1947	1	0 2	2	0 4	33	6 1	13	2 4	3	0 6
1948	3	0 5	3	0 5	13	2 3	12	2 2	1	0 2
1949	2	0 3	3	0 5	13	2 3	3	0 5	3	0.5
1950	-	-	2	0 3	23	3 9	-	-	1	0 2
1951	2	0 3	-	0 0	30	5 0	9	1 5	5	0 8
1952	-	-	1	0 2	22	3 7	4	0 7	4	0 7
1953	-	-	3	0 5	59	9 6	4	0 6	2	0 3
1954	-	-	3	0 5	6	1 0	5	0 8	8	1 0
1955	-	-	1	0 2	12	1 9	4	0 6	5	0 8
1956	-	-	1	0 2	4	0 6	1	0 2	7	1 1
1957	-	-	1	0 1	25	3 7	3	0 4	3	0 4
1958	-	-	-	-	14	2 1	2	0 3	4	0 6
1959	-	-	-	-	15	2 2	5	0 7	3	0 4
1960	-	-	-	-	37	5 5	1	0 1	3	0 4
1961	-	-	-	-	8	1 2	1	0 1	1	0.1
1962	-	-	-	-	12	1 7	-	-	4	0 6
1963	-	-	-	-	31	4 4	-	-	3	0 4
1964	1	0 1	-	-	29	4 1	2	0 3	2	0 3
1965	-	-	-	-	5	0 7	-	-	3	0 4
1966	1	0 1	-	-	49	7 0	-	-	2	0.3
1967	-	-	-	-	3	0 4	-	-	2	0.3
1968	-	-	-	-	30	4 3	-	-	2	0 3
1969	-	-	-	-	38	5 5	2	0 3	2	0 3
1970	-	-	2	0 3	8	1 2	-	0 0	1	0 1
1971	-	-	-	-	9	1 3	2	0 3	2	0 3
1972	-	-	-	-	15	2 1	-	-	2	0 3
1973	-	-	-	-	43	6 0	-	-	2	0 3
1974	-	-	-	-	11	1 5	-	-	1	0 1
1975	-	-	-	-	17	2.3	-	-	-	-
1976	-	-	-	-	95	12 6	-	-	-	-
1977	-	-	-	-	9	1 2	-	-	2	0 3
1978	-	-	-	-	19	2 4	-	-	2	0.3
1979	-	-	-	-	4	0 5	-	-	4	0 5
1980	-	-	-	-	24	3 1	-	-	-	-
1981	1	0 1	-	-	10	1 3	-	-	1	0 1
1982	-	-	-	-	8	1 0	-	-	1	0 1
1983	-	-	-	-	26	3 2	-	-	1	0 1
1984	-	-	-	-	19	2 3	-	-	-	-
1985	-	-	-	-	24	2 9	-	-	3	0 4
1986	-	-	-	-	24	2 9	-	-	-	-
1987	-	-	-	-	9	1 1	-	-	-	-
1988	-	-	-	-	21	2 6	-	-	-	-
1989	-	-	-	-	19	2 4	-	-	-	-
1990	-	-	-	-	15	1 9	-	-	2	0 3
1991	-	-	-	-	7	0 9	-	-	-	-
1992	-	-	-	-	7	0 8	-	-	-	-
1993	-	-	-	-	13	1 5	-	-	-	-
1994	-	-	-	-	15	1 8	-	-	1	0 1
1995	-	-	-	-	6	0 7	-	-	1	0.1
1996	-	-	-	-	11	1 3	-	-	2	0.2
1997	-	-	-	-	1	0 1	-	-	-	-
1998	-	-	-	-	60	6 8	-	-	-	-
1999	-	-	-	-	35	4 0	-	-	1	0 2
2000	-	-	-	-	1	0 1	-	-	-	-

* DATA FOR 1910-45 ARE BY PLACE OF OCCURRENCE. BEGINING IN 1946, DATA ARE BY PLACE OF RESIDENCE.

\+ PRIOR TO 1949 THE INTERNATIONAL CLASSIFICATION OF DISEASES DID NOT PERMIT IDENTIFICATION OF BOTULISM AS SUCH. THE MORE GENERAL RUBRIC OF "FOOD POISONING" IS REPORTED. THE DEATHS SHOWN PRIOR TO 1968 INCLUDE THOSE ASSIGNED TO "FOOD POISONING UNSPECIFIED."

** PER 100,000 ESTIMATED MIDYEAR POPULATION. U.S. CENSUS ENUMERATIONS USED FOR YEARS ENDING IN ZERO.

FREQUENCY AND RATE OF DEATH FROM SELECTED COMMUNICABLE DISEASES BY YEAR*
MONTANA, 1910-2000

ICD-9	045 138		082 0		137 010-018		002 0		033	
ICD-10	A80		A77		A16-A19		A010		A37	
YEAR	POLIOMYELITIS		ROCKY MOUNTAIN SPOTTED FEVER+		TUBERCULOSIS		TYPHOID FEVER		WHOOPING COUGH	
	NUMBER	RATE**	NUMBER	RATE**	NUMBER	RATE**	NUMBER	RATE**	NUMBER	RATE**
1910	17	4 5	-	-	340	90 4	151	40 2	41	10 9
1915	1	0 2	8	1 7	530	113 2	57	12 2	36	7 7
1920	5	0 9	7	1 3	419	76 4	27	4 9	51	9 3
1925	6	1 1	11	2 0	396	73 0	24	4 4	63	11 6
1930	6	1 1	9	1 7	337	62 7	16	3 0	16	3 0
1935	1	0 2	21	3 8	257	46 8	12	2 2	22	4 0
1940	7	1 3	7	1 3	231	41 3	3	0 5	5	0 9
1945	10	2 0	1	0 2	171	33 9	2	0 4	2	0 4
1946	5	1 0	5	1 0	164	31 4	2	0 4	2	0 4
1947	4	0 7	1	0 2	152	28 2	1	0 2	6	1 1
1948	6	1 1	1	0 2	146	26 2	-	-	8	1 1
1949	13	2 3	-	0 0	109	19 0	1	0 2	2	0 3
1950	3	0 5	1	0 2	114	19 3	-	-	10	1 7
1951	6	1 0	-	-	85	14 3	1	0 2	1	0 2
1952	8	1 3	1	0 2	79	13 1	1	0 2	1	0 2
1953	14	2 3	-	-	77	12 5	-	-	4	0 6
1954	9	1 4	-	-	62	9 9	-	-	1	0 2
1955	8	1 3	-	-	50	7 9	-	-	1	0 2
1956	-	-	-	-	48	7 3	-	-	1	0 2
1957	2	0 3	-	-	68	10 2	-	-	2	0 3
1958	5	0 8	-	-	45	6 8	-	-	-	-
1959	2	0 3	-	-	37	5 5	-	-	-	-
1960	7	1 0	1	0 1	31	4 6	-	-	1	0 1
1961	1	0 1	-	-	24	3 5	1	-	-	-
1962	-	-	-	-	32	4 5	-	-	-	-
1963	-	-	-	-	27	3 8	-	-	-	-
1964	-	-	-	-	28	4 0	1	-	-	-
1965	-	-	-	-	22	3 1	-	-	-	-
1966	-	-	-	-	21	3 0	-	-	-	-
1967	-	-	-	-	17	2 4	-	-	-	-
1968	1	0 1	-	-	15	2 2	-	-	-	-
1969	-	-	-	-	16	2 3	-	-	-	-
1970	-	-	-	-	12	1 7	-	-	-	-
1971	1	0 1	-	-	10	1 4	-	-	1	0 1
1972	-	-	-	-	11	1 5	-	-	-	-
1973	-	-	-	-	13	1 8	-	-	-	-
1974	1	0 1	-	-	17	2 3	-	-	-	-
1975	1	0 1	1	0 1	13	1 7	-	-	-	-
1976	-	-	-	-	9	1 2	-	-	-	-
1977	-	-	-	-	4	0 5	-	-	-	-
1978	1	0 1	-	-	11	1 4	-	-	-	-
1979	-	-	-	-	5	0 6	-	-	-	-
1980	-	-	-	-	6	0 8	-	-	-	-
1981	-	-	-	-	7	0 9	-	-	-	-
1982	-	-	-	-	7	0 9	-	-	-	-
1983	1	0 1	-	-	1	0 1	-	-	-	-
1984	2	0 2	-	-	10	1 2	-	-	-	-
1985	-	-	-	-	5	0 6	-	-	1	0 1
1986	-	-	-	-	5	0 6	-	-	-	-
1987	-	-	-	-	4	0 5	-	-	-	-
1988	1	0 1	-	-	2	0 2	-	-	-	-
1989	2	0 2	-	-	5	0 6	-	-	-	-
1990	-	-	-	-	2	0 3	-	-	-	-
1991	1	0 1	-	-	4	0 5	-	-	-	-
1992	1	0 1	-	-	4	0 5	-	-	-	-
1993	-	-	-	-	2	0 2	-	-	-	-
1994	-	-	-	-	6	0 7	-	-	-	-
1995	2	0 2	-	-	2	0 2	-	-	-	-
1996	2	0 2	-	-	1	0 1	-	-	1	0 1
1997	1	0 1	-	-	2	0 2	-	-	-	-
1998	1	0 1	-	-	4	0 5	-	-	-	-
1999	1	0 1	-	-	3	0 3	-	-	-	-
2000	1	0 1	-	-	2	0 2	-	-	-	-

* DATA FOR 1910-45 ARE BY PLACE OF OCCURRENCE. BEGINING IN 1946, DATA ARE BY PLACE OF RESIDENCE.
\+ DEATHS FROM ROCKY MOUNTAIN SPOTTED FEVER FOR THE YEARS 1915 - 1920 ARE COURTESY OF ROBERT PHILLIPS PH.D. (RETIRED), ROCKY MOUNTAIN LABORATORY, HAMILTON, MONTANA.
** PER 100,000 ESTIMATED MIDYEAR POPULATION. U.S. CENSUS ENUMERATIONS USED FOR YEARS ENDING IN ZERO.

TABLE 16

FREQUENCY AND RATE OF DEATH FROM SELECTED CAUSES BY YEAR*
MONTANA, 1910-2000*

ICD-09			810-825		800-807 826-849		303		140-208	
ICD-10			see footnotes for codes		see footnotes for codes		F10-F10 9 G31 2		C00-C97 9	
YEAR	ACCIDENTS						ALCOHOLISM		MALIGNANT NEOPLASMS (CANCER)	
	TOTAL		MOTOR VEHICLE		OTHER					
	NUMBER	RATE+	NUMBER	RATE+	NUMBER	RATE+	NUMBER	RATE+	NUMBER	RATE+
1910	514	136 7	5	1 3	509	135 4	56	14 9	157	41 7
1915	556	118 8	31	6 6	525	112 2	66	14 1	223	47 6
1920	473	86 3	45	8 2	428	78 1	10	1.8	282	51 4
1925	505	93 0	98	18 1	407	75 0	41	7 6	379	69 8
1930	498	92 6	106	19 7	392	72 9	69	12 8	424	78 9
1935	552	100.5	161	29 3	391	71 2	14	2 5	528	96 2
1940	539	96 3	154	27 5	385	68 8	41	7 3	640	114 4
1945	498	98 7	118	23 4	380	75 3	13	2 6	658	130 4
1946	517	99 1	166	31 8	351	67 3	15	2 9	662	126 8
1947	537	99 6	157	29 1	380	70 5	19	3.5	712	132 0
1948	575	103 3	165	29 6	410	73 7	14	2.5	724	130 1
1949	552	96 2	152	26 5	400	69 7	17	3 0	729	127 0
1950	545	92 2	190	32 1	355	60 1	14	2 4	733	124 0
1951	525	88 1	187	31 4	338	58 7	17	2 9	726	121 8
1952	564	93 7	235	39 0	329	54 7	13	2 2	798	132 6
1953	534	86 7	228	37 0	306	49 7	17	2 8	809	131 3
1954	531	85 1	219	35 1	312	50 0	19	3.0	871	139 6
1955	549	86 3	239	37 6	310	48 7	28	4 4	829	130 3
1956	574	87 5	265	40 4	309	47 1	22	3 4	931	141 9
1957	541	81 1	219	32 8	322	48 3	20	3 0	873	130 9
1958	497	74 6	206	30 9	291	43 7	18	2 7	838	125 8
1959	565	84 5	258	38 6	307	45 9	15	2 2	920	137.5
1960	510	75 6	226	33 5	284	42 1	13	1 9	958	142 0
1961	518	76 0	270	39 6	248	36 4	18	2 6	965	141 5
1962	550	77 6	232	32 7	318	44 9	19	2 7	911	128.5
1963	517	73 1	218	30.8	299	42.3	12	1 7	896	126.7
1964	648	91 9	250	35.5	398	56 5	13	1 8	986	139 9
1965	591	83 7	268	38 0	323	45 8	14	2.0	933	132 2
1966	560	79 8	265	37 7	295	42 0	24	3 4	969	138 0
1967	607	86 6	318	45 4	289	41 2	12	1 7	1,004	143 2
1968	535	77 2	262	37 8	273	39 4	29	4 2	1,080	155 8
1969	635	91 5	329	47 4	306	44 1	10	1 4	1,041	150 0
1970	571	82 2	290	41 8	281	40 5	25	3 6	1,059	152 5
1971	609	85 8	310	43 7	299	42 1	19	2 7	1,050	147 9
1972	635	88 3	360	50 1	275	38 2	17	2 4	1,122	156.1
1973	611	84 7	324	44 9	287	39 8	20	2.8	1,061	147 2
1974	559	76 1	272	37 0	287	39 0	14	1.9	1,130	153.7
1975	584	78 1	282	37 7	302	40 4	28	3.7	1,105	147 7
1976	579	76 9	291	38 6	288	38 2	23	3.1	1,191	158 2
1977	574	75 4	302	39 7	272	35 7	25	3 3	1,184	155 6
1978	558	71 1	276	35 2	282	35 9	23	2 9	1,233	157 1
1979	596	75 8	313	39 8	283	36 0	22	2 8	1,240	157 8
1980	570	72 5	311	39 5	259	32 9	25	3 2	1,291	164 1
1981	553	69 7	308	38 8	245	30 9	32	4 0	1,343	169 4
1982	471	58 8	236	29 5	235	29 3	30	3 7	1,384	172 8
1983	516	63 2	267	32 7	249	30 5	16	2 0	1,350	165 2
1984	440	53 4	233	28 3	207	25 1	18	2.2	1,467	178 0
1985	417	50 5	210	25 4	207	25 1	20	2 4	1,445	174 9
1986	403	49 2	228	27 8	175	21 4	27	3.3	1,475	180 1
1987	416	51 4	223	27 6	193	23 9	22	2 7	1,516	187 4
1988	368	45 7	200	24 8	168	20 9	22	2 7	1,561	193 9
1989	360	44 7	171	21 2	189	23 5	16	2 0	1,593	197 7
1990	398	49 8	210	26 3	188	23 5	21	2 6	1,630	204 0
1991	384	47 5	183	22 6	201	24 9	19	2 4	1,656	205 0
1992	399	48 4	182	22 1	217	26 3	29	3.5	1,710	207 6
1993	375	44 7	182	21 7	193	23 0	26	3 1	1,738	207 2
1994	391	45 7	192	22 4	199	23 2	31	3 6	1,740	203 2
1995	374	43 0	191	21 9	183	21 0	21	2 4	1,765	202 8
1996	396	45 0	191	21 7	205	23 3	23	2 6	1,762	200 4
1997	443	50 4	230	26 2	213	24 2	18	2 0	1,779	202 4
1998	463	52 6	219	24 9	244	27 7	34	3 9	1,816	206 3
1999	461	52 2	191	21 6	270	30 6	22	2 5	1,845	209 0
2000	484	53 6	228	25 3	256	28 4	29	3 2	1,861	206 3

MOTOR VEHICLE ACCIDENT ICD-10 CODES: V02-V04, V09.0, V09.2, V12-V14, V19.0-V19.2, V19.4-V19.8, V20-V79, V80.3-V80.5, V81.0-V81.1, V82.0-V82.1,V83-V86, V87.0-V87.8, V88.0-V88.8, V89.0, V89.2

ACCIDENTS BY OTHER MEANS ICD-10 CODES: V01, V05-V08, V09.1, V09.3-V11, V15-V18, V19.3, V19.7-V19.9, V80.1-V80.2, V80.6-V80.9, V81.2-V81.9, V82.2-V82.9, V87.9, V88.9, V88.3-X58, Y85-Y86

* DATA FOR 1910-45 ARE BY PLACE OF OCCURRENCE. BEGINING IN 1946, DATA ARE BY PLACE OF RESIDENCE.

\+ PER 100,000 ESTIMATED MIDYEAR POPULATION. U.S. CENSUS ENUMERATIONS ARE USED FOR YEARS ENDING IN ZERO.

FREQUENCY AND RATE OF DEATH FROM SELECTED CAUSES BY YEAR*
MONTANA, 1910-2000*

ICD-09	250		390-398 402, 409 410-429		960-969		580-589		480-486		950-959	
ICD-10	E10-C14 9		I00-I09 9, I11, I13, I120-I51		X85-Y09 9 Y87 1		N00-N07 9 N17-N19 N25-N227		J12-J18		X60-X84 Y87	
YEAR	DIABETES		HEART DISEASE		HOMICIDE		NEPHRITIS		PNEUMONIA		SUICIDE	
	NUMBER	RATE+	NUMBER	RATE+	NUMBER	RATE+	NUMBER	RATE+	NUMBER	RATE+	NUMBER	RATE+
1910	38	10 1	257	68 3	37	9 8	222	59 0	282	75.0	81	21 5
1915	65	13 9	407	87.0	53	11 3	339	72 4	511	109 2	103	22 0
1920	60	10 9	428	78 1	46	8 4	273	49 8	576	105 0	86	15 7
1925	64	11 8	672	123 8	51	9 4	301	55 4	437	80 5	102	18 8
1930	87	16 2	759	141 2	57	10 6	395	73 5	425	79.1	136	25 3
1935	112	20 4	1,299	236 6	34	6 2	355	64 7	674	122 8	96	17 5
1940	109	19 5	1,447	258 6	29	5 2	295	52 7	321	57 4	120	21 4
1945	129	25 6	1,603	317 7	19	3.8	279	55.3	196	38 8	79	15 7
1946	137	26 3	1,629	312 1	22	4 2	276	52 9	235	45 0	98	18 8
1947	130	24 1	1,690	313 4	14	2 6	266	49 3	223	41 4	96	17 8
1948	116	21 2	1,803	324 0	15	2 7	247	44 4	189	34 0	88	15 8
1949	102	17 8	2,002	348.9	21	3 7	129	22 5	144	25 1	89	15 5
1950	49	8 3	1,957	331 1	24	4 1	80	13 5	157	26 6	123	20 8
1951	58	9 7	2,159	362 2	15	2 5	85	14 3	121	20.3	85	14 3
1952	83	13 8	2,032	337 5	17	2 8	120	19.9	147	24 4	84	14 0
1953	73	11 9	2,164	351 3	23	3 7	77	12 5	180	29 2	106	17 2
1954	95	15 2	2,128	341 0	29	4 6	90	14 4	179	28 7	104	16 7
1955	108	17 0	2,116	332 7	21	3 3	94	14 8	155	24 4	79	12 4
1956	98	14 9	2,165	330 0	32	4 9	83	12 7	211	32 2	98	14 9
1957	118	17 7	2,290	343 3	23	3 4	71	10 6	249	37 3	105	15 7
1958	109	16 4	2,244	336 9	17	2 6	53	8 0	260	39 0	101	15 2
1959	123	18 4	2,382	356 1	29	4 3	58	8 7	231	34.5	97	14 5
1960	102	15 1	2,332	345 6	25	3 7	51	7 6	227	33 6	107	15 9
1961	117	17 2	2,269	332 7	21	3 1	41	6 0	219	32 1	96	14 1
1962	121	17 1	2,204	310 9	21	3 0	63	8 9	195	27 5	110	15 5
1963	125	17 7	2,340	331 0	22	3 1	42	5 9	218	30.8	115	16 3
1964	139	19 7	2,368	335 9	30	4 3	45	6 4	226	32.1	80	11 3
1965	114	16 1	2,297	325 4	20	2 8	35	5.0	198	28.0	94	13 3
1966	106	15 1	2,415	344 0	23	3 3	42	6 0	230	32.8	96	13 7
1967	143	20 4	2,297	327 7	31	4 4	38	5 4	196	28 0	100	14 3
1968	119	17 2	2,223	320 8	25	3 6	20	2 9	213	30 7	97	14 0
1969	117	16 9	2,297	331 0	31	4 5	21	3 0	201	29 0	91	13 1
1970	111	16 0	2,229	321 0	30	4 3	26	3 7	213	30 7	79	11 4
1971	120	16 9	2,339	329 4	43	6 1	19	2 7	210	29 6	117	16 5
1972	135	18 8	2,294	319 1	32	4 5	17	2 4	220	30 6	87	12 1
1973	126	17 5	2,300	319 0	46	6 4	27	3 7	236	32 7	108	15 0
1974	103	14 0	2,202	299 6	44	6 0	20	2 7	192	26 1	122	16 6
1975	122	16 3	2,178	291 2	42	5 6	19	2.5	185	24 7	112	15 0
1976	100	13 3	2,176	289 2	38	5 0	17	2 3	207	27 5	129	17 1
1977	89	11 7	2,149	282 4	53	7 0	24	3 2	144	18 9	143	18 8
1978	114	14 5	2,169	276 3	40	5 1	20	2.5	199	25 4	122	15.5
1979	94	12 0	2,302	292 9	39	5 0	46	5 9	143	18 2	123	15 6
1980	103	13 1	2,332	296 4	40	5 1	43	5 5	169	21 5	116	14 7
1981	95	12 0	2,279	287 4	47	5 9	70	8 8	171	21 6	137	17 3
1982	115	14 4	2,236	279 2	36	4 5	57	7 1	196	24 5	126	15 7
1983	103	12 6	2,241	274 3	33	4 0	62	7 8	219	26 8	143	17 5
1984	113	13 7	2,270	275 5	37	4 5	57	6 9	204	24 8	137	16 6
1985	123	14 9	2,201	266 5	49	5 9	58	7 0	211	25 5	144	17 4
1986	109	13.3	2,196	268 1	41	5 0	40	4 9	205	25 0	181	22 1
1987	116	14 3	2,109	260 7	39	4 8	60	7 4	192	23 7	159	19 7
1988	154	19 1	2,057	255 5	35	4 3	60	7 5	219	27 2	153	19 0
1989	170	21 1	2,019	250 6	32	4 0	47	5.8	224	27 8	159	19 7
1990	154	19 3	1,847	243 7	37	4 6	48	6 0	213	26 7	187	20 9
1991	181	22 4	1,944	240 6	36	4 5	51	6 3	245	30 3	167	20 7
1992	164	19 9	1,904	231 2	35	4 2	56	6 8	259	31 4	151	18 3
1993	191	22 8	2,110	251 5	39	4 6	59	7 0	249	29 7	154	18 4
1994	215	25 1	1,907	222 7	34	4 0	76	8 9	276	32 2	159	18 6
1995	210	24 1	2,003	230 2	45	5 2	56	6 4	313	36 0	197	22 6
1996	187	21 3	2,131	242 3	37	4 2	81	9 2	238	27 1	174	19 9
1997	169	19 2	2,097	238 6	37	4 2	98	11 2	299	34 0	179	20 4
1998	196	22 3	2,001	227 3	26	3 0	90	10 2	311	35 3	156	17 7
1999	243	27 5	2,034	230 4	32	3 6	93	10.5	213	24 1	161	18 2
2000	226	25 1	1,985	220 0	35	3 9	115	12 7	192	21 3	157	17 4

* DATA FOR 1910-45 ARE BY PLACE OF OCCURRENCE. BEGINING IN 1946, DATA ARE BY PLACE OF RESIDENCE.

\+ PER 100,000 ESTIMATED MIDYEAR POPULATION. U.S. CENSUS ENUMERATIONS ARE USED FOR YEARS ENDING IN ZERO.

TABLE 16

FREQUENCY OF INDUCED ABORTION BY NUMBER OF PREVIOUS INDUCED ABORTIONS
AND NUMBER OF PREVIOUS PREGNANCIES
MONTANA OCCURRENCES, 2000

TOTAL PAST PREGNANCIES	TOTAL	PREVIOUS INDUCED ABORTIONS							
		NONE	ONE	TWO	THREE	FOUR	FIVE	SIX OR MORE	NOT STATED
TOTAL	2,441	1,403	699	223	77	27	7	3	2
NONE	747	747	-	-	-	-	-	-	-
ONE	581	294	287	-	-	-	-	-	-
TWO	412	183	165	64	-	-	-	-	-
THREE	292	101	116	49	26	-	-	-	-
FOUR	202	47	78	57	16	4	-	-	-
FIVE	92	20	27	24	14	6	1	-	-
SIX	61	9	16	18	11	5	2	-	-
SEVEN	23	1	5	7	6	2	2	-	-
EIGHT	13	-	2	2	2	5	1	1	-
NINE OR MORE	16	1	3	2	2	5	1	2	-
NOT STATED	2	-	-	-	-	-	-	-	2

TABLE 17

FREQUENCY OF INDUCED ABORTION BY AGE OF PATIENT
MONTANA OCCURRENCES, 2000

PATIENT'S AGE	NUMBER
MONTANA TOTAL	2441
UNDER 12	-
UNDER 15	17
15-17	219
18-19	334
20-24	839
25-29	442
30-34	291
35-39	209
40-44	88
45 AND OVER	1
NOT STATED	1

TABLE 18

FREQUENCY OF INDUCED ABORTION BY COMPLETED WEEK OF GESTATION AND BY PRIMARY PROCEDURE MONTANA OCCURRENCES, 2000

PRIMARY PROCEDURE *	TOTAL	LENGTH OF GESTATION IN WEEKS							
		9 OR FEWER	10-11	12-13	14-15	16-17	18-19	20 OR MORE	NOT STATED
TOTAL	2,441	1,501	368	239	129	59	59	61	25
DILATION AND EVACUATION (D&E)	303	1	2	42	85	55	56	60	2
INTRA-UT PROSTAG	-	-	-	-	-	-	-	-	-
SHARP CURRETTAGE	1	1	-	-	-	-	-	-	-
SUCTION CURRETTAGE	2,133	1,498	366	197	44	4	0	1	23
NOT STATED	1	1	-	-	-	-	-	-	-
OTHER	3	-	-	-	-	-	-	-	-

*** THE PROCEDURE THAT TERMINATED PREGNANCY, AS OPPOSED TO "ADDITIONAL PROCEDURES USED."**

TABLE19

FREQUENCY OF INDUCED ABORTION BY COUNTY OF RESIDENCE AND COUNTY OF OCCURRENCE MONTANA, 2000

COUNTY	RESIDENCE	OCCURRENCE	COUNTY	RESIDENCE	OCCURRENCE
BEAVERHEAD	27	-	PONDERA	5	-
BIG HORN	16	-	POWDER RIVER	4	-
BLAINE	6	-	POWELL	10	-
BROADWATER	6	-	PRAIRIE	1	-
CARBON	20	-	RAVALLI	69	-
CARTER	2	-	RICHLAND	7	-
CASCADE	158	223	ROOSEVELT	18	-
CHOUTEAU	5	-	ROSEBUD	10	-
CUSTER	22	-	SANDERS	12	-
DANIELS	2	-	SHERIDAN	2	-
DAWSON	10	-	SILVER BOW	80	-
DEER LODGE	22	-	STILLWATER	10	-
FALLON	1	-	SWEET GRASS	6	-
FERGUS	8	-	TETON	9	-
FLATHEAD	196	283	TOOLE	1	-
GALLATIN	196	-	TREASURE	-	-
GARFIELD	-	-	VALLEY	9	-
GLACIER	42	-	WHEATLAND	2	-
GOLDEN VALLEY	-	-	WIBAUX	3	-
GRANITE	5	-	YELLOWSTONE	396	879
HILL	24	-	NOT STATED	22	-
JEFFERSON	16	-			
JUDITH BASIN	1	-	TOTAL, MONTANA	2,118	2,441
LAKE	63	-	RESIDENTS		
LEWIS & CLARK	143	278	OUT OF STATE		
LIBERTY	1	-	RESIDENTS		
LINCOLN	26	-	IDAHO	43	NA
MCCONE	-	-	NORTH DAKOTA	15	NA
MADISON	17	-	SOUTH DAKOTA	25	NA
MEAGHER	4	-	WYOMING	209	NA
MINERAL	7	-	OTHER STATES	13	NA
MISSOULA	346	778			
MUSSELSHELL	15	-	CANADA	17	NA
PARK	32	-	REST OF WORLD	1	NA
PETROLEUM	-	-	NOT STATED	-	NA
PHILLIPS	2	-			
			TOTAL	2,441	NA

TABLE 20

FREQUENCY OF MARRIAGE LICENSES ISSUED
AND MARRIAGES SOLEMNIZED
BY COUNTY OF OCCURRENCE - MONTANA, 2000

COUNTY	MARRIAGES LICENSES ISSUED	MARRIAGES SOLEMNIZED
MONTANA, TOTAL	6,870	6,870
BEAVERHEAD	60	59
BIG HORN	107	100
BLAINE	29	34
BROADWATER	34	39
CARBON	144	200
CARTER	3	6
CASCADE	616	602
CHOUTEAU	26	36
CUSTER	66	67
DANIELS	13	13
DAWSON	68	60
DEER LODGE	62	71
FALLON	25	27
FERGUS	90	94
FLATHEAD	741	708
GALLATIN	603	545
GARFIELD	8	8
GLACIER	84	96
GOLDEN VALLEY	1	7
GRANITE	13	29
HILL	112	97
JEFFERSON	27	37
JUDITH BASIN	12	15
LAKE	188	222
LEWIS & CLARK	433	411
LIBERTY	18	20
LINCOLN	120	171
MCCONE	14	14
MADISON	45	62
MEAGHER	15	16
MINERAL	29	37
MISSOULA	801	693
MUSSELSHELL	37	41
PARK	144	156
PETROLEUM	3	4
PHILLIPS	35	36
PONDERA	27	26
POWDER RIVER	19	14
POWELL	42	48
PRAIRIE	6	6
RAVALLI	226	260
RICHLAND	65	60
ROOSEVELT	64	64
ROSEBUD	34	31
SANDERS	64	74
SHERIDAN	20	19
SILVER BOW	268	254
STILLWATER	66	76
SWEET GRASS	27	25
TETON	35	40
TOOLE	42	44
TREASURE	3	2
VALLEY	45	51
WHEATLAND	10	11
WIBAUX	3	4
YELLOWSTONE	978	928
YELLOWSTONE PARK	-	-
NOT STATED	-	-

TABLE 21

FREQUENCY AND RATE OF MARRIAGE AND MARITAL TERMINATION BY YEAR
MONTANA OCCURENCES, 1944 - 2000

YEAR	MARRIAGES		MARITAL TERMINATIONS	
	NUMBER	RATE*	NUMBER	RATE*
1944	6,433	11 2	1,745	3.1
1945	8,147	14 2	2,380	4.1
1946	12,974	22.4	3,212	5.6
1947	9,769	16.8	2,439	4 2
1948	7,131	12.2	2,090	3.6
1949	6,981	11 9	1,995	3.4
1950	7,235	12 2	1,951	3.3
1951	6,307	10 6	1,837	3.1
1952	6,410	10.6	1,989	3.3
1953	6,597	10.7	1,986	3.2
1954	6,575	10.5	1,966	3 2
1955	6,514	10 2	1,909	3.0
1956	6,770	10.3	1,985	3.0
1957	6,495	9.7	2,004	3 0
1958	6,142	9 2	2,023	3.0
1959	6,228	9.3	2,062	3.1
1960	5,883	8.7	2,003	3.0
1961	5,636	8.3	2,034	3.0
1962	5,051	7 1	1,932	2.7
1963	4,854	6.9	1,909	2.7
1964	4,556	6.5	1,981	2.8
1965	4,688	6.6	2,002	2 8
1966	4,914	7.0	2,087	3.0
1967	5,563	7.9	2,361	3 4
1968	6,250	9.0	2,592	3 7
1969	6,444	9 3	2,806	4 0
1970	6,919	10.0	3,051	4 4
1971	7,128	10.0	3,366	4 7
1972	7,674	10.7	3,609	5.0
1973	7,751	10.8	3,772	5 2
1974	7,741	10.5	3,940	5.4
1975	7,331	9.8	4,286	5.7
1976	7,390	9 8	4,850	6.4
1977	7,547	9 9	4,813	6.3
1978	8,136	10 4	4,877	6.2
1979	8,195	10 4	5,106	6.5
1980	8,336	10 6	4,940	6.3
1981	8,209	10 4	5,004	6.3
1982	8,185	10 2	4,612	5.8
1983	8,092	9 9	4,644	5.7
1984	7,659	9.3	4,355	5.3
1985	7,178	8.7	4,258	5.2
1986	6,739	8.2	4,307	5.3
1987	6,540	8.1	4,116	5.1
1988	6,784	8.4	4,063	5.0
1989	6,765	8 4	4,104	5.1
1990	6,924	8.7	4,049	5.1
1991	6,984	8.6	4,443	5.5
1992	7,189	8.7	4,223	5.1
1993	7,041	8 4	4,311	5.1
1994	7,088	8.3	4,196	4.9
1995	6,818	7.8	4,214	4 8
1996	6,609	7 5	4,238	4 8
1997	6,708	7 6	4,058	4 6
1998	6,436	7.3	—	—
1999	6,785	7 7	—	—
2000	6,870	7 6	—	—

* PER 1,000 ESTIMATED MIDYEAR POPULATION. U.S. CENSUS ENUMERATIONS ARE USED FOR YEARS ENDING IN ZERO.

TABLE 22

FREQUENCY AND PERCENT DISTRIBUTION OF MARRIAGES BY MONTH OF OCCURRENCE
MONTANA, 2000

MONTH	NUMBER	PERCENT	MONTH	NUMBER	PERCENT
MONTANA, TOTAL	6,870	100.0	JUNE	924	13.4
			JULY	1,243	18.1
JANUARY	274	4.0	AUGUST	1,013	14.7
FEBRUARY	369	5.4	SEPTEMBER	732	10.7
MARCH	348	5.1	OCTOBER	382	5.6
APRIL	354	5.2	NOVEMBER	279	4.1
MAY	570	8.3	DECEMBER	382	5.6

TABLE 23

FREQUENCY OF MARRIAGE BY PREVIOUS MARITAL STATUS AND AGE OF BRIDE AND
BY PREVIOUS MARTIAL STATUS AND AGE OF GROOM
MONTANA OCCURRENCES, 2000

AGE	BRIDE					GROOM				
	TOTAL	PREVIOUS MARITAL STATUS				TOTAL	PREVIOUS MARITAL STATUS			
		SINGLE	WIDOWED	DIVORCED	NOT STATED		SINGLE	WIDOWED	DIVORCED	NOT STATED
TOTAL	6,870	4,243	239	2,373	15	6,870	4,351	211	2,300	8
UNDER 15	-	-	-	-	-	-	-	-	-	-
15-19	595	590	-	2	3	201	200	-	-	1
20-24	2,114	1,988	3	119	4	1,682	1,627	-	52	3
25-29	1,303	958	10	331	4	1,654	1,389	-	264	1
30-34	853	394	8	450	1	985	609	6	369	1
35-39	672	199	20	451	2	669	272	11	385	1
40-44	508	60	38	410	-	544	147	14	383	-
45-49	352	33	23	296	-	420	73	13	334	-
50-54	218	14	16	188	-	308	19	26	262	1
55-59	106	6	18	81	1	162	9	20	133	-
60-64	62	-	32	30	-	78	3	17	58	-
65-69	29	1	20	8	-	63	-	30	33	-
70-74	30	-	26	4	-	46	2	26	18	-
75 AND OVER	28	-	25	3	-	58	1	48	9	-
NOT STATED	-	-	-	-	-	-	-	-	-	-

TABLE 24

FREQUENCY OF FIRST MARRIAGE* BY AGE OF BRIDE AND AGE OF GROOM
MONTANA OCCURRENCES, 2000

AGE OF GROOM	AGE OF BRIDE										
	TOTAL, ALL AGES	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55 AND OVER	NOT STATED
TOTAL, ALL AGES	3,569	562	1,812	764	276	108	26	12	7	2	-
15-19	193	139	51	1	1	1	-	-	-	-	-
20-24	1,516	364	1,022	113	12	3	1	1	-	-	-
25-29	1,173	47	615	414	84	12	1	-	-	-	-
30-34	436	11	96	179	121	27	1	1	-	-	-
35-39	142	-	21	42	38	33	7	1	-	-	-
40-44	68	1	3	13	17	25	5	2	2	-	-
45-49	25	-	1	2	2	6	7	4	3	-	-
50-54	11	-	3	-	-	1	3	2	1	1	-
55 AND OVER	5	-	-	-	1	-	1	1	1	1	-
NOT STATED	-	-	-	-	-	-	-	-	-	-	-

* FIRST MARRIAGE FOR BOTH BRIDE AND GROOM.

TABLE 25

MEDIAN AGES OF BRIDES AND GROOMS
MONTANA OCCURRENCES, 1994 - 2000

YEAR OF MARRIAGE	MEDIAN AGE OF BRIDE			MEDIAN AGE OF GROOM		
	ALL MARRIAGES	FIRST MARRIAGES FOR BRIDES	FIRST MARRIAGES FOR BOTH*	ALL MARRIAGES	FIRST MARRIAGES FOR GROOMS	FIRST MARRIAGES FOR BOTH*
1994	26	23	22	29	25	24
1995	26	23	22	29	25	24
1996	27	23	22	29	25	24
1997	27	23	22	29	25	24
1998	27	23	23	29	25	24
1999	27	23	23	29	25	26
2000	27	23	23	29	26	25

* FIRST MARRIAGE FOR BOTH BRIDE AND GROOM.

TABLE 26

SELECTED VITAL STATISTICS
FREQUENCIES AND RATES OR RATIOS BY COUNTY
MONTANA, 2000

ITEM	MONTANA		BEAVERHEAD		BIG HORN		BLAINE		BROADWATER		CARBON		CARTER		CASCADE	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
POPULATION	902,195		9,202		12,671		7,009		4,385		9,552		1,360		80,357	
RESIDENCE																
NATURAL INCREASE	2,875	3.3	26	3.0	148	11.8	34	4.8	(19)	-4.6	(29)	-3.0	(11)	-7.6	220	2.8
LIVE BIRTHS, TOTAL	10,946	12.1	98	10.6	250	19.7	99	14.1	30	6.8	79	8.3	7	5.1	1,011	12.6
SEX-MALE	5,576	12.4	45	—	126	—	44	—	16	—	48	—	2	—	540	—
FEMALE	5,370	11.9	53	—	124	—	55	—	14	—	31	—	5	—	471	—
OUT-OF-WEDLOCK	3,374	308.2	17	173.5	135	540.0	54	545.5	7	233.3	11	139.2	2	285.7	297	293.8
DEATHS (EXCLUDING FETALS), TOTAL	8,071	8.9	72	7.8	102	8.0	65	9.3	49	11.2	108	11.3	18	13.2	791	9.8
SEX-MALE	4,185	9.6	39	—	55	—	35	—	23	—	69	—	10	—	406	—
FEMALE	3,886	8.8	33	—	47	—	30	—	26	—	39	—	8	—	385	—
INFANT & FETAL MORTALITY*																
INFANT DEATHS (UNDER 1 YEAR)	63	5.8	1	10.2	1	4.0	-	-	-	-	1	12.7	-	-	9	8.9
NEONATAL (UNDER 28 DAYS)	41	3.7	-	-	-	-	-	-	-	-	1	12.7	-	-	5	4.9
POSTNEONATAL (28 DAYS-1 YEAR)	22	2.0	1	10.2	1	4.0	-	-	-	-	-	-	-	-	4	4.0
FETAL DEATHS	55	5.0	-	-	2	8.0	1	10.1	-	-	-	-	-	-	10	9.9
PERINATAL DEATHS	96	8.8	-	-	2	8.0	1	10.1	-	-	1	12.7	-	-	15	14.8
LEADING CAUSES OF DEATH **																
HEART DISEASE	1,985	220.0	14	152.1	24	189.4	15	214.0	8	182.4	33	345.5	9	661.8	197	245.2
CANCER	1,861	206.3	18	195.6	20	157.8	14	199.7	17	387.7	31	324.5	2	147.1	172	214.0
CEREBROVASCULAR DISEASE	583	64.6	4	43.5	7	55.2	3	42.8	1	22.8	7	73.3	1	73.5	43	53.5
CHRON. LOWER RESP. DISEASES	518	57.4	5	54.3	3	23.7	5	71.3	6	136.8	6	62.8	-	-	67	83.4
ACCIDENTS	484	53.6	5	54.3	18	142.1	11	156.9	4	91.2	7	73.3	-	-	48	59.7
PNEUMONIA AND INFLUENZA	226	25.1	1	10.9	3	23.7	1	14.3	-	-	2	20.9	-	-	31	38.6
DIABETES	217	24.1	-	-	2	15.8	1	14.3	-	-	2	20.9	-	-	40	49.8
ALZHEIMER'S DISEASE	202	22.4	1	10.9	-	-	1	14.3	4	91.2	-	-	1	73.5	13	16.2
SUICIDE	157	17.4	3	32.6	2	15.8	2	28.5	-	-	3	31.4	-	-	20	24.9
NEPHRITIS, NEPHROTIC & NEPHROSIS	115	12.7	-	-	-	-	2	28.5	2	45.6	1	10.5	1	73.5	9	11.2
OCCURRENCE																
LIVE BIRTHS, TOTAL	10,929	12.1	93	10.1	245	19.3	1	0.1	-	-	32	3.4	-	-	1,271	15.8
DEATHS (EXCLUDING FETAL), TOTAL	8,042	8.9	74	8.0	84	6.6	37	5.3	44	10.0	75	7.9	10	7.4	875	10.9
INFANT (UNDER 1 YEAR)	61	5.6	1	10.8	1	4.1	-	-	-	-	-	-	-	-	13	10.2
ACCIDENTAL	505	0.6	5	0.5	14	1.1	10	1.4	3	0.7	7	0.7	-	-	51	0.6
MOTOR VEHICLE	230	0.3	4	0.4	9	0.7	8	1.1	-	-	3	0.3	-	-	14	0.2
OTHER ACCIDENTAL	275	0.3	1	0.1	5	0.4	2	0.3	3	0.7	4	0.4	-	-	37	0.5
MARRIAGES	6,870	7.6	59	6.4	100	7.9	34	4.9	39	8.9	200	20.9	6	4.4	602	7.5
MARITAL TERMINATIONS	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

* INFANT AND FETAL MORTALITY RATES ARE SHOWN PER 1,000 LIVE BIRTHS.

** CAUSE-SPECIFIC RESIDENT DEATH RATES ARE SHOWN PER 100,000 ESTIMATED POPULATION. SEE "CAUSE OF DEATH" IN THE "TECHNICAL OVERVIEW" FOR THE INTERNATIONAL CLASSIFICATION OF DISEASE (ICD-9) CODES INCLUDED IN EACH CATEGORY.

— NOT CALCULATED OR NOT AVAILABLE.

\- QUANITY IS ZERO. (_) VALUE IS LESS THAN ZERO.

TABLE 26 (CONTINUED)

SELECTED VITAL STATISTICS
FREQUENCIES AND RATES OR RATIOS BY COUNTY
MONTANA, 2000

ITEM	MONTANA		CHOUTEAU		CUSTER		DANIELS		DAWSON		DEER LODGE		FALLON		FERGUS	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
POPULATION	902,195		5,970		11,696		2,017		9,059		9,417		2,837		11,893	
RESIDENCE																
NATURAL INCREASE	2,875	3.3	(43)	-8.5	10	0.8	(7)	-3.6	10	1.2	(49)	-5.0	1	0.3	(43)	-3.5
LIVE BIRTHS, TOTAL	10,946	12.1	35	5.9	145	12.4	14	6.9	103	11.4	82	8.7	25	8.8	117	9.8
SEX-MALE	5,576	12.4	15	—	75	—	5	—	48	—	53	—	15	—	56	—
FEMALE	5,370	11.9	20	—	70	—	9	—	55	—	29	—	10	—	61	—
OUT-OF-WEDLOCK	3,374	308.2	5	142.9	48	331.0	6	428.6	31	301.0	28	341.5	4	160.0	26	222.2
DEATHS (EXCLUDING FETALS), TOTAL	8,071	8.9	78	13.1	135	11.5	21	10.4	93	10.3	131	13.9	24	8.5	160	13.5
SEX-MALE	4,185	9.6	38	—	76	—	14	—	45	—	61	—	10	—	87	—
FEMALE	3,886	8.8	40	—	59	—	7	—	48	—	70	—	14	—	73	—
INFANT & FETAL MORTALITY*																
INFANT DEATHS (UNDER 1 YEAR)	63	5.8	-	-	-	-	-	-	-	-	-	-	-	-	3	25.6
NEONATAL (UNDER 28 DAYS)	41	3.7	-	-	-	-	-	-	-	-	-	-	-	-	2	17.1
POSTNEONATAL (28 DAYS-1 YEAR)	22	2.0	-	-	-	-	-	-	-	-	-	-	-	-	1	8.5
FETAL DEATHS	55	5.0	-	-	2	13.8	-	-	1	9.7	-	-	-	-	-	-
PERINATAL DEATHS	96	8.8	-	-	2	13.8	-	-	1	9.7	-	-	-	-	2	17.1
LEADING CAUSES OF DEATH **																
HEART DISEASE	1,985	220.0	30	502.5	32	273.6	4	198.3	25	276.0	36	382.3	11	387.7	43	361.6
CANCER	1,861	206.3	15	251.3	32	273.6	3	148.7	19	209.7	34	361.0	3	105.7	32	269.1
CEREBROVASCULAR DISEASE	583	64.6	5	83.8	9	76.9	5	247.9	7	77.3	11	116.8	1	35.2	10	84.1
CHRON. LOWER RESP. DISEASES	518	57.4	4	67.0	6	51.3	3	148.7	5	55.2	8	85.0	2	70.5	12	100.9
ACCIDENTS	484	53.6	3	50.3	11	94.0	-	-	4	44.2	4	42.5	-	-	4	33.6
PNEUMONIA AND INFLUENZA	226	25.1	1	16.8	2	17.1	-	-	2	22.1	1	10.6	-	-	10	84.1
DIABETES	217	24.1	2	33.5	3	25.6	-	-	5	55.2	1	10.6	1	35.2	6	50.4
ALZHEIMER'S DISEASE	202	22.4	5	83.8	2	17.1	1	49.6	7	77.3	5	53.1	-	-	11	92.5
SUICIDE	157	17.4	-	-	3	25.6	-	-	-	-	2	21.2	1	35.2	2	16.8
NEPHRITIS, NEPHROTIC & NEPHROSIS	115	12.7	1	16.8	5	42.7	2	99.2	1	11.0	3	31.9	-	-	4	33.6
OCCURRENCE																
LIVE BIRTHS, TOTAL	10,929	12.1	2	0.3	242	20.7	-	-	67	7.4	13	1.4	13	4.6	124	10.4
DEATHS (EXCLUDING FETAL), TOTAL	8,042	8.9	71	11.9	142	12.1	18	8.9	93	10.3	100	10.6	25	8.8	165	13.9
INFANT (UNDER 1 YEAR)	61	5.6	-	-	-	-	-	-	-	-	-	-	-	-	2	16.1
ACCIDENTAL	505	0.6	5	0.8	10	0.9	-	-	4	0.4	3	0.3	-	-	6	0.5
MOTOR VEHICLE	230	0.3	3	0.5	3	0.3	-	-	1	0.1	2	0.2	-	-	4	0.3
OTHER ACCIDENTAL	275	0.3	2	0.3	7	0.6	-	-	3	0.3	1	0.1	-	-	2	0.2
MARRIAGES	6,870	7.6	36	6.0	67	5.7	13	6.4	60	6.6	71	7.5	27	9.5	94	7.9
MARITAL TERMINATIONS	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

* INFANT AND FETAL MORTALITY RATES ARE SHOWN PER 1,000 LIVE BIRTHS.

** CAUSE-SPECIFIC RESIDENT DEATH RATES ARE SHOWN PER 100,000 ESTIMATED POPULATION. SEE "CAUSE OF DEATH" IN THE "TECHNICAL OVERVIEW" FOR THE INTERNATIONAL CLASSIFICATION OF DISEASE (ICD-9) CODES INCLUDED IN EACH CATEGORY.

— NOT CALCULATED OR NOT AVAILABLE.

\- QUANITY IS ZERO. (_) VALUE IS LESS THAN ZERO.

TABLE 26 (CONTINUED)

SELECTED VITAL STATISTICS
FREQUENCIES AND RATES OR RATIOS BY COUNTY
MONTANA, 2000

ITEM	MONTANA		FLATHEAD		GALLATIN		GARFIELD		GLACIER		GOLDEN VALLEY		GRANITE		HILL	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
POPULATION	902,195		74,471		67,831		1,279		13,247		1,042		2,830		16,673	
RESIDENCE																
NATURAL INCREASE	2,875	3.3	310	4.3	479	7 5	6	4 2	140	11.1	-	-	(14)	-5.3	121	7.1
LIVE BIRTHS, TOTAL	10,946	12.1	962	12.9	835	12.3	15	11.7	253	19 1	9	8.6	19	6.7	264	15.8
SEX-MALE	5,576	12 4	494	—	430	—	12	—	120	—	6	—	7	—	128	—
FEMALE	5,370	11.9	468	—	405	—	3	—	133	—	3	—	12	—	136	—
OUT-OF-WEDLOCK	3,374	308.2	239	248 4	134	160 5	2	133.3	174	687.7	1	111.1	-	-	123	465.9
DEATHS (EXCLUDING FETALS), TOTAL	8,071	8 9	652	8.8	356	5 2	9	7.0	113	8 5	9	8.6	33	11.7	143	8 6
SEX-MALE	4,185	9 6	341	—	196	—	5	—	66	—	7	—	19	—	78	—
FEMALE	3,886	8 8	311	—	160	—	4	—	47	—	2	—	14	—	65	—
INFANT & FETAL MORTALITY*																
INFANT DEATHS (UNDER 1 YEAR)	63	5 8	5	5 2	6	7 2	-	-	1	4.0	-	-	-	-	2	7.6
NEONATAL (UNDER 28 DAYS)	41	3 7	3	3 1	4	4 8	-	-	1	4 0	-	-	-	-	-	-
POSTNEONATAL (28 DAYS-1 YEAR)	22	2 0	2	2 1	2	2 4	-	-	-	-	-	-	-	-	2	7.6
FETAL DEATHS	55	5 0	2	2 1	4	4 8	-	-	-	-	-	-	-	-	-	-
PERINATAL DEATHS	96	8 8	5	5 2	8	9.6	-	-	1	4 0	-	-	-	-	-	-
LEADING CAUSES OF DEATH **																
HEART DISEASE	1,985	220.0	186	249 8	82	120 9	4	312 7	17	128.3	3	287.9	11	388.7	38	227.9
CANCER	1,861	206.3	158	212 2	65	95 8	2	156 4	24	181 2	5	479 8	5	176.7	33	197.9
CEREBROVASCULAR DISEASE	583	64 6	46	61.8	20	29.5	2	156.4	4	30 2	-	-	3	106.0	11	66.0
CHRON LOWER RESP DISEASES	518	57 4	40	53.7	25	36.9	-	-	7	52 8	1	96.0	5	176 7	14	84 0
ACCIDENTS	484	53.6	29	38.9	32	47 2	-	-	16	120.8	-	-	1	35.3	7	42.0
PNEUMONIA AND INFLUENZA	226	25.1	15	20.1	7	10.3	-	-	6	45.3	-	-	1	35.3	4	24.0
DIABETES	217	24 1	14	18.8	10	14 7	-	-	1	7 5	-	-	1	35.3	1	6.0
ALZHEIMER'S DISEASE	202	22.4	12	16.1	12	17.7	-	-	5	37.7	-	-	3	106.0	5	30.0
SUICIDE	157	17.4	21	28.2	8	11.8	-	-	2	15.1	-	-	1	35.3	2	12.0
NEPHRITIS, NEPHROTIC & NEPHROSIS	115	12.7	14	18.8	2	2 9	1	78 2	1	7.5	-	-	-	-	4	24.0
OCCURRENCE																
LIVE BIRTHS, TOTAL	10,929	12.1	1,033	13.9	895	13.2	-	-	243	18.3	-	-	2	0.7	367	22.0
DEATHS (EXCLUDING FETAL), TOTAL	8,042	8.9	685	9.2	322	4.7	7	5.5	93	7 0	3	2.9	18	6 4	143	8.6
INFANT (UNDER 1 YEAR)	61	5.6	1	1.0	5	5.6	-	-	-	-	-	-	-	-	1	2.7
ACCIDENTAL	505	0 6	38	0.5	22	0.3	-	-	14	1.1	-	-	-	-	7	0.4
MOTOR VEHICLE	230	0.3	18	0.2	14	0.2	-	-	7	0 5	-	-	-	-	2	0.1
OTHER ACCIDENTAL	275	0.3	20	0.3	8	0.1	-	-	7	0 5	-	-	-	-	5	0.3
MARRIAGES	6,870	7 6	708	9.5	545	8 0	8	6.3	96	7.2	7	6.7	29	10 2	97	5 8
MARITAL TERMINATIONS	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

* INFANT AND FETAL MORTALITY RATES ARE SHOWN PER 1,000 LIVE BIRTHS.

** CAUSE-SPECIFIC RESIDENT DEATH RATES ARE SHOWN PER 100,000 ESTIMATED POPULATION. SEE "CAUSE OF DEATH" IN THE "TECHNICAL OVERVIEW" FOR THE INTERNATIONAL CLASSIFICATION OF DISEASE (ICD-9) CODES INCLUDED IN EACH CATEGORY.

— NOT CALCULATED OR NOT AVAILABLE.

- QUANITY IS ZERO. (_) VALUE IS LESS THAN ZERO.

TABLE 26 (CONTINUED)

SELECTED VITAL STATISTICS
FREQUENCIES AND RATES OR RATIOS BY COUNTY
MONTANA, 2000

ITEM	MONTANA		JEFFERSON		JUDITH BASIN		LAKE		LEWIS & CLARK		LIBERTY		LINCOLN		MCCONE	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
POPULATION	902,195		10,049		2,329		26,507		55,716		2,158		18,837		1,977	
RESIDENCE																
NATURAL INCREASE	2,875	3.3	18	1.7	1	0.4	96	3.7	251	4.6	5	2.2	(15)	-0.8	(9)	-4.7
LIVE BIRTHS, TOTAL	10,946	12.1	82	8.2	17	7.3	370	14.0	690	12.4	22	10.2	188	10.0	12	6.1
SEX-MALE	5,576	12.4	44	—	8	—	193	—	354	—	7	—	90	—	6	—
FEMALE	5,370	11.9	38	—	9	—	177	—	336	—	15	—	98	—	6	—
OUT-OF-WEDLOCK	3,374	308.2	12	146.3	3	176.5	164	443.2	170	246.4	-	-	70	372.3	2	166.7
DEATHS (EXCLUDING FETALS), TOTAL	8,071	8.9	64	6.4	16	6.9	274	10.3	439	7.9	17	7.9	203	10.8	21	10.6
SEX-MALE	4,185	9.6	37	—	9	—	136	—	217	—	8	—	109	—	10	—
FEMALE	3,886	8.8	27	—	7	—	138	—	222	—	9	—	94	—	11	—
INFANT & FETAL MORTALITY*																
INFANT DEATHS (UNDER 1 YEAR)	63	5.8	-	-	-	-	4	10.8	2	2.9	-	-	1	5.3	-	-
NEONATAL (UNDER 28 DAYS)	41	3.7	-	-	-	-	4	10.8	1	1.4	-	-	1	5.3	-	-
POSTNEONATAL (28 DAYS-1 YEAR)	22	2.0	-	-	-	-	-	-	1	1.4	-	-	-	-	-	-
FETAL DEATHS	55	5.0	-	-	-	-	2	5.4	3	4.3	-	-	1	5.3	-	-
PERINATAL DEATHS	96	8.8	-	-	-	-	6	16.2	4	5.8	-	-	2	10.6	-	-
LEADING CAUSES OF DEATH **																
HEART DISEASE	1,985	220.0	14	139.3	2	85.9	59	222.6	100	179.5	4	185.4	53	281.4	5	252.9
CANCER	1,861	206.3	14	139.3	7	300.6	64	241.4	101	181.3	5	231.7	59	313.2	5	252.9
CEREBROVASCULAR DISEASE	583	64.6	5	49.8	-	-	20	75.5	35	62.8	1	46.3	17	90.2	-	-
CHRON. LOWER RESP. DISEASES	518	57.4	3	29.9	3	128.8	14	52.8	29	52.0	1	46.3	9	47.8	4	202.3
ACCIDENTS	484	53.6	5	49.8	1	42.9	21	79.2	18	32.3	-	-	10	53.1	-	-
PNEUMONIA AND INFLUENZA	226	25.1	2	19.9	1	42.9	9	34.0	8	14.4	-	-	11	58.4	-	-
DIABETES	217	24.1	2	19.9	-	-	7	26.4	13	23.3	-	-	6	31.9	1	50.6
ALZHEIMER'S DISEASE	202	22.4	-	-	-	-	3	11.3	14	25.1	-	-	3	15.9	-	-
SUICIDE	157	17.4	3	29.9	-	-	6	22.6	9	16.2	-	-	4	21.2	-	-
NEPHRITIS, NEPHROTIC & NEPHROSIS	115	12.7	2	19.9	-	-	7	26.4	4	7.2	-	-	-	-	-	-
OCCURRENCE																
LIVE BIRTHS, TOTAL	10,929	12.1	1	0.1	-	-	239	9.0	753	13.5	14	6.5	112	5.9	-	-
DEATHS (EXCLUDING FETAL), TOTAL	8,042	8.9	31	3.1	5	2.1	203	7.7	484	8.7	24	11.1	154	8.2	14	7.1
INFANT (UNDER 1 YEAR)	61	5.6	-	-	-	-	2	8.4	2	2.7	-	-	-	-	-	-
ACCIDENTAL	505	0.6	2	0.2	-	-	19	0.7	22	0.4	2	0.9	9	0.5	-	-
MOTOR VEHICLE	230	0.3	2	0.2	-	-	10	0.4	5	0.1	1	0.5	8	0.4	-	-
OTHER ACCIDENTAL	275	0.3	-	-	-	-	9	0.3	17	0.3	1	0.5	1	0.1	-	-
MARRIAGES	6,870	7.6	37	3.7	15	6.4	222	8.4	411	7.4	20	9.3	171	9.1	14	7.1
MARITAL TERMINATIONS	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

* INFANT AND FETAL MORTALITY RATES ARE SHOWN PER 1,000 LIVE BIRTHS.

** CAUSE-SPECIFIC RESIDENT DEATH RATES ARE SHOWN PER 100,000 ESTIMATED POPULATION. SEE "CAUSE OF DEATH" IN THE "TECHNICAL OVERVIEW" FOR THE INTERNATIONAL CLASSIFICATION OF DISEASE (ICD-9) CODES INCLUDED IN EACH CATEGORY.

— NOT CALCULATED OR NOT AVAILABLE.

- QUANITY IS ZERO. (_) VALUE IS LESS THAN ZERO.

TABLE 26 (CONTINUED)

SELECTED VITAL STATISTICS
FREQUENCIES AND RATES OR RATIOS BY COUNTY
MONTANA, 2000

ITEM	MONTANA		MADISON		MEAGHER		MINERAL		MISSOULA		MUSSELSHELL		PARK		PETROLEUM	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
POPULATION	902,195		6,851		1,932		3,884		95,802		4,497		15,694		493	
RESIDENCE																
NATURAL INCREASE	2,875	3.3	(22)	-3.2	1	0.6	12	3.1	514	5.8	(22)	-4.8	17	1.1	4	7.9
LIVE BIRTHS, TOTAL	10,946	12.1	54	7.9	23	11.9	40	10.3	1,154	12.0	39	8.7	174	11.1	6	12.2
SEX-MALE	5,576	12.4	26	—	8	—	27	—	591	—	19	—	85	—	2	—
FEMALE	5,370	11.9	28	—	15	—	13	—	563	—	20	—	89	—	4	—
OUT-OF-WEDLOCK	3,374	308.2	9	166.7	5	217.4	12	300.0	314	272.1	13	333.3	54	310.3	-	-
DEATHS (EXCLUDING FETALS), TOTAL	8,071	8.9	76	11.1	22	11.4	28	7.2	640	6.7	61	13.6	157	10.0	2	4.1
SEX-MALE	4,185	9.6	39	—	17	—	19	—	312	—	34	—	79	—	-	—
FEMALE	3,886	8.8	37	—	5	—	9	—	328	—	27	—	78	—	2	—
INFANT & FETAL MORTALITY*																
INFANT DEATHS (UNDER 1 YEAR)	63	5.8	-	-	1	43.5	-	-	7	6.1	1	25.6	1	5.7	-	-
NEONATAL (UNDER 28 DAYS)	41	3.7	-	-	1	43.5	-	-	6	5.2	1	25.6	-	-	-	-
POSTNEONATAL (28 DAYS-1 YEAR)	22	2.0	-	-	-	-	-	-	1	0.9	-	-	1	5.7	-	-
FETAL DEATHS	55	5.0	-	-	-	-	-	-	4	3.5	1	25.6	4	23.0	-	-
PERINATAL DEATHS	96	8.8	-	-	1	43.5	-	-	10	8.7	2	51.3	4	23.0	-	-
LEADING CAUSES OF DEATH **																
HEART DISEASE	1,985	220.0	28	408.7	9	465.8	10	257.5	141	147.2	15	333.6	39	248.5	-	-
CANCER	1,861	206.3	13	189.8	5	258.8	8	206.0	132	137.8	19	422.5	32	203.9	2	405.7
CEREBROVASCULAR DISEASE	583	64.6	8	116.8	-	-	1	25.7	44	45.9	2	44.5	13	82.8	-	-
CHRON. LOWER RESP. DISEASES	518	57.4	1	14.6	-	-	-	-	33	34.4	3	66.7	7	44.6	-	-
ACCIDENTS	484	53.6	5	73.0	1	51.8	2	51.5	53	55.3	1	22.2	6	38.2	-	-
PNEUMONIA AND INFLUENZA	226	25.1	1	14.6	-	-	2	51.5	13	13.6	1	22.2	6	38.2	-	-
DIABETES	217	24.1	2	29.2	1	51.8	-	-	13	13.6	-	-	4	25.5	-	-
ALZHEIMER'S DISEASE	202	22.4	2	29.2	-	-	1	25.7	15	15.7	1	22.2	5	31.9	-	-
SUICIDE	157	17.4	2	29.2	1	51.8	-	-	13	13.6	2	44.5	2	12.7	-	-
NEPHRITIS, NEPHROTIC & NEPHROSIS	115	12.7	-	-	-	-	1	25.7	11	11.5	1	22.2	5	31.9	-	-
OCCURRENCE																
LIVE BIRTHS, TOTAL	10,929	12.1	1	0.1	1	0.5	-	-	1,596	16.7	-	-	164	10.4	-	-
DEATHS (EXCLUDING FETAL), TOTAL	8,042	8.9	58	8.5	16	8.3	29	7.5	824	8.6	41	9.1	151	9.6	1	2.0
INFANT (UNDER 1 YEAR)	61	5.6	-	-	1	1000.0	-	-	15	9.4	-	-	-	-	-	-
ACCIDENTAL	505	0.6	4	0.6	-	-	5	1.3	57	0.6	1	0.2	10	0.6	-	-
MOTOR VEHICLE	230	0.3	2	0.3	-	-	5	1.3	30	0.3	1	0.2	4	0.3	-	-
OTHER ACCIDENTAL	275	0.3	2	0.3	-	-	-	-	27	0.3	-	-	6	0.4	-	-
MARRIAGES	6,870	7.6	62	9.0	16	8.3	37	9.5	693	7.2	41	9.1	156	9.9	4	8.1
MARITAL TERMINATIONS	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

* INFANT AND FETAL MORTALITY RATES ARE SHOWN PER 1,000 LIVE BIRTHS.

** CAUSE-SPECIFIC RESIDENT DEATH RATES ARE SHOWN PER 100,000 ESTIMATED POPULATION. SEE "CAUSE OF DEATH" IN THE "TECHNICAL OVERVIEW" FOR THE INTERNATIONAL CLASSIFICATION OF DISEASE (ICD-9) CODES INCLUDED IN EACH CATEGORY.

— NOT CALCULATED OR NOT AVAILABLE.

- QUANITY IS ZERO. (_) VALUE IS LESS THAN ZERO.

TABLE 26 (CONTINUED)

SELECTED VITAL STATISTICS
FREQUENCIES AND RATES OR RATIOS BY COUNTY
MONTANA, 2000

ITEM	MONTANA		PHILLIPS		PONDERA		POWDER RIVER		POWELL		PRAIRIE		RAVALLI		RICHLAND	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
POPULATION	902,195		4,601		6,424		1,858		7,180		1,199		36,070		9,667	
RESIDENCE																
NATURAL INCREASE	2,875	3.3	(19)	-4.0	(9)	-1.4	(12)	-6.8	(8)	-1.2	(4)	-2.9	96	2.7	2	0.2
LIVE BIRTHS, TOTAL	10,946	12.1	39	8.5	77	12.0	18	9.7	54	7.5	10	8.3	389	10.8	100	10.3
SEX-MALE	5,576	12.4	21	—	39	—	11	—	26	—	5	—	207	—	46	—
FEMALE	5,370	11.9	18	—	38	—	7	—	28	—	5	—	182	—	54	—
OUT-OF-WEDLOCK	3,374	308.2	16	410.3	22	285.7	3	166.7	16	296.3	2	200.0	76	195.4	37	370.0
DEATHS (EXCLUDING FETALS), TOTAL	8,071	8.9	58	12.6	86	13.4	30	16.1	62	8.6	14	11.7	293	8.1	98	10.1
SEX-MALE	4,185	9.6	27	—	39	—	13	—	43	—	9	—	141	—	54	—
FEMALE	3,886	8.8	31	—	47	—	17	—	19	—	5	—	152	—	44	—
INFANT & FETAL MORTALITY*																
INFANT DEATHS (UNDER 1 YEAR)	63	5.8	-	-	1	13.0	-	-	-	-	-	-	1	2.6	1	10.0
NEONATAL (UNDER 28 DAYS)	41	3.7	-	-	1	13.0	-	-	-	-	-	-	-	-	1	10.0
POSTNEONATAL (28 DAYS-1 YEAR)	22	2.0	-	-	-	-	-	-	-	-	-	-	1	2.6	-	-
FETAL DEATHS	55	5.0	-	-	-	-	-	-	-	-	1	100.0	3	7.7	1	10.0
PERINATAL DEATHS	96	8.8	-	-	1	13.0	-	-	-	-	1	100.0	3	7.7	2	20.0
LEADING CAUSES OF DEATH **																
HEART DISEASE	1,985	220.0	19	413.0	16	249.1	3	161.5	14	195.0	4	333.6	70	194.1	36	372.4
CANCER	1,861	206.3	10	217.3	17	264.6	6	322.9	16	222.8	4	333.6	60	166.3	24	248.3
CEREBROVASCULAR DISEASE	583	64.6	4	86.9	6	93.4	1	53.8	2	27.9	1	83.4	28	77.6	7	72.4
CHRON. LOWER RESP. DISEASES	518	57.4	8	173.9	5	77.8	1	53.8	1	13.9	-	-	19	52.7	4	41.4
ACCIDENTS	484	53.6	3	65.2	5	77.8	-	-	7	97.5	-	-	16	44.4	5	51.7
PNEUMONIA AND INFLUENZA	226	25.1	2	43.5	1	15.6	-	-	1	13.9	-	-	4	11.1	3	31.0
DIABETES	217	24.1	-	-	-	-	-	-	1	13.9	-	-	9	25.0	1	10.3
ALZHEIMER'S DISEASE	202	22.4	2	43.5	1	15.6	-	-	1	13.9	-	-	11	30.5	2	20.7
SUICIDE	157	17.4	1	21.7	-	-	1	53.8	-	-	-	-	3	8.3	1	10.3
NEPHRITIS, NEPHROTIC & NEPHROSIS	115	12.7	-	-	2	31.1	-	-	1	13.9	1	83.4	6	16.6	-	-
OCCURRENCE																
LIVE BIRTHS, TOTAL	10,929	12.1	3	0.7	27	4.2	-	-	20	2.8	1	0.8	216	6.0	121	12.5
DEATHS (EXCLUDING FETAL), TOTAL	8,042	8.9	45	9.8	64	10.0	28	15.1	60	8.4	8	6.7	227	6.3	90	9.3
INFANT (UNDER 1 YEAR)	61	5.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ACCIDENTAL	505	0.6	3	0.7	5	0.8	2	1.1	9	1.3	-	-	12	0.3	4	0.4
MOTOR VEHICLE	230	0.3	3	0.7	2	0.3	2	1.1	7	1.0	-	-	6	0.2	4	0.4
OTHER ACCIDENTAL	275	0.3	-	-	3	0.5	-	-	2	0.3	-	-	6	0.2	-	-
MARRIAGES	6,870	7.6	36	7.8	26	4.0	14	7.5	48	6.7	6	5.0	260	7.2	60	6.2
MARITAL TERMINATIONS	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

* INFANT AND FETAL MORTALITY RATES ARE SHOWN PER 1,000 LIVE BIRTHS.

** CAUSE-SPECIFIC RESIDENT DEATH RATES ARE SHOWN PER 100,000 ESTIMATED POPULATION. SEE "CAUSE OF DEATH" IN THE "TECHNICAL OVERVIEW" FOR THE INTERNATIONAL CLASSIFICATION OF DISEASE (ICD-9) CODES INCLUDED IN EACH CATEGORY.

— NOT CALCULATED OR NOT AVAILABLE.

\- QUANITY IS ZERO. (_) VALUE IS LESS THAN ZERO.

TABLE 26 (CONTINUED)

SELECTED VITAL STATISTICS
FREQUENCIES AND RATES OR RATIOS BY COUNTY
MONTANA, 2000

ITEM	MONTANA		ROOSEVELT		ROSEBUD		SANDERS		SHERIDAN		SILVER BOW		STILLWATER		SWEET GRASS	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
POPULATION	902,195		10,620		9,383		10,227		4,105		34,606		8,195		3,609	
RESIDENCE																
NATURAL INCREASE	2,875	3.3	81	7.4	90	9.1	(17)	-1.7	(26)	-6.3	(36)	-1.1	19	2.3	(8)	-2.2
LIVE BIRTHS, TOTAL	10,946	12.1	187	17.6	153	16.3	93	9.1	29	7.1	395	11.4	86	10.5	33	9.1
SEX-MALE	5,576	12.4	93	—	79	—	46	—	16	—	205	—	41	—	18	—
FEMALE	5,370	11.9	94	—	74	—	47	—	13	—	190	—	45	—	15	—
OUT-OF-WEDLOCK	3,374	308.2	124	663.1	85	555.6	27	290.3	5	172.4	136	344.3	18	209.3	5	151.5
DEATHS (EXCLUDING FETALS), TOTAL	8,071	8.9	106	10.0	63	6.7	110	10.8	55	13.4	431	12.5	67	8.2	41	11.4
SEX-MALE	4,185	9.6	54	—	36	—	69	—	35	—	203	—	43	—	17	—
FEMALE	3,886	8.8	52	—	27	—	41	—	20	—	228	—	24	—	24	—
INFANT & FETAL MORTALITY*																
INFANT DEATHS (UNDER 1 YEAR)	63	5.8	-	-	4	26.1	2	21.5	-	-	1	2.5	1	11.6	-	-
NEONATAL (UNDER 28 DAYS)	41	3.7	-	-	3	19.6	1	10.8	-	-	1	2.5	-	-	-	-
POSTNEONATAL (28 DAYS-1 YEAR)	22	2.0	-	-	1	6.5	1	10.8	-	-	-	-	1	11.6	-	-
FETAL DEATHS	55	5.0	2	10.7	2	13.1	-	-	-	-	1	2.5	-	-	2	60.6
PERINATAL DEATHS	96	8.8	2	10.7	5	32.7	1	10.8	-	-	2	5.1	-	-	2	60.6
LEADING CAUSES OF DEATH **																
HEART DISEASE	1,985	220.0	20	188.3	13	138.5	28	273.8	13	316.7	106	306.3	16	195.2	12	332.5
CANCER	1,861	206.3	23	216.6	17	181.2	30	293.3	14	341.0	110	317.9	25	305.1	11	304.8
CEREBROVASCULAR DISEASE	583	64.6	6	56.5	3	32.0	5	48.9	3	73.1	39	112.7	3	36.6	3	83.1
CHRON. LOWER RESP. DISEASES	518	57.4	10	94.2	4	42.6	5	48.9	3	73.1	28	80.9	3	36.6	2	55.4
ACCIDENTS	484	53.6	6	56.5	6	63.9	7	68.4	1	24.4	22	63.6	4	48.8	2	55.4
PNEUMONIA AND INFLUENZA	226	25.1	9	84.7	1	10.7	1	9.8	5	121.8	15	43.3	1	12.2	2	55.4
DIABETES	217	24.1	4	37.7	-	-	-	-	3	73.1	11	31.8	1	12.2	6	166.3
ALZHEIMER'S DISEASE	202	22.4	9	84.7	1	10.7	3	29.3	2	48.7	12	34.7	3	36.6	1	27.7
SUICIDE	157	17.4	1	9.4	-	-	4	39.1	3	73.1	5	14.4	1	12.2	-	-
NEPHRITIS, NEPHROTIC & NEPHROSIS	115	12.7	2	18.8	1	10.7	-	-	-	-	1	2.9	2	24.4	-	-
OCCURRENCE																
LIVE BIRTHS, TOTAL	10,929	12.1	149	14.0	1	0.1	43	4.2	21	5.1	490	14.2	6	0.7	1	0.3
DEATHS (EXCLUDING FETAL), TOTAL	8,042	8.9	86	8.1	30	3.2	81	7.9	52	12.7	455	13.1	66	8.1	35	9.7
INFANT (UNDER 1 YEAR)	61	5.6	-	-	1	1000.0	-	-	-	-	-	-	1	166.7	-	-
ACCIDENTAL	505	0.6	6	0.6	2	0.2	3	0.3	1	0.2	25	0.7	5	0.6	4	1.1
MOTOR VEHICLE	230	0.3	2	0.2	-	-	2	0.2	-	-	3	0.1	3	0.4	4	1.1
OTHER ACCIDENTAL	275	0.3	4	0.4	2	0.2	1	0.1	1	0.2	22	0.6	2	0.2	-	-
MARRIAGES	6,870	7.6	64	6.0	31	3.3	74	7.2	19	4.6	254	7.3	76	9.3	25	6.9
MARITAL TERMINATIONS	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

* INFANT AND FETAL MORTALITY RATES ARE SHOWN PER 1,000 LIVE BIRTHS.

** CAUSE-SPECIFIC RESIDENT DEATH RATES ARE SHOWN PER 100,000 ESTIMATED POPULATION. SEE "CAUSE OF DEATH" IN THE "TECHNICAL OVERVIEW" FOR THE INTERNATIONAL CLASSIFICATION OF DISEASE (ICD-9) CODES INCLUDED IN EACH CATEGORY.

— NOT CALCULATED OR NOT AVAILABLE.

- QUANITY IS ZERO. (_) VALUE IS LESS THAN ZERO.

TABLE 26 (CONCLUDED)

SELECTED VITAL STATISTICS
FREQUENCIES AND RATES OR RATIOS BY COUNTY
MONTANA, 2000

ITEM	MONTANA		TETON		TOOLE		TREASURE		VALLEY		WHEATLAND		WIBAUX		YELLOWSTONE	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
POPULATION	902,195		6,445		5,267		861		7,675		2,259		1,068		129,352	
RESIDENCE																
NATURAL INCREASE	2,875	3.3	(3)	-0.5	7	1.5	(5)	-5 8	12	1.5	(3)	-1.3	(3)	-2 7	580	4 6
LIVE BIRTHS, TOTAL	10,946	12.1	66	10.2	62	11 8	4	4 6	92	12 0	26	11.5	10	9 4	1,699	13.1
SEX-MALE	5,576	12.4	31	—	30	—	1	—	48	—	12	—	4	—	851	—
FEMALE	5,370	11 9	35	—	32	—	3	—	44	—	14	—	6	—	848	—
OUT-OF-WEDLOCK	3,374	308 2	5	75 8	14	225.8	2	500.0	28	304.3	5	192.3	2	200 0	574	337.8
DEATHS (EXCLUDING FETALS), TOTAL	8,071	8.9	69	10.7	55	10.4	9	10.5	80	10.4	29	12 8	13	12.2	1,119	8.7
SEX-MALE	4,185	9 6	38	—	28	—	4	—	44	—	17	—	4	—	560	—
FEMALE	3,886	8 8	31	—	27	—	5	—	36	—	12	—	9	—	559	—
INFANT & FETAL MORTALITY*																
INFANT DEATHS (UNDER 1 YEAR)	63	5 8	-	-	-	-	-	-	-	-	-	-	-	-	6	3.5
NEONATAL (UNDER 28 DAYS)	41	3.7	-	-	-	-	-	-	-	-	-	-	-	-	4	2.4
POSTNEONATAL (28 DAYS-1 YEAR)	22	2.0	-	-	-	-	-	-	-	-	-	-	-	-	2	1.2
FETAL DEATHS	55	5 0	-	-	1	16 1	-	-	-	-	-	-	-	-	5	2 9
PERINATAL DEATHS	96	8 8	-	-	1	16.1	-	-	-	-	-	-	-	-	9	5.3
LEADING CAUSES OF DEATH **																
HEART DISEASE	1,985	220.0	20	310.3	12	227.8	2	232.3	17	221.5	6	265.6	4	374.5	253	195.6
CANCER	1,861	206.3	13	201 7	13	246.8	4	464 6	21	273.6	7	309.9	4	374.5	262	202.5
CEREBROVASCULAR DISEASE	583	64 6	7	108.6	8	151 9	-	-	3	39.1	3	132.8	1	93 6	104	80.4
CHRON LOWER RESP DISEASES	518	57 4	2	31.0	5	94 9	-	-	2	26.1	2	88.5	2	187.3	80	61.8
ACCIDENTS	484	53.6	4	62 1	3	57.0	1	116.1	7	91.2	2	88.5	-	-	56	43.3
PNEUMONIA AND INFLUENZA	226	25.1	3	46 5	1	19.0	-	-	5	65.1	1	44 3	-	-	30	23.2
DIABETES	217	24.1	2	31.0	1	19.0	-	-	1	13.0	-	-	1	93 6	37	28.6
ALZHEIMER'S DISEASE	202	22.4	-	-	2	38.0	-	-	1	13.0	-	-	-	-	19	14.7
SUICIDE	157	17 4	1	15.5	1	19.0	-	-	1	13.0	-	-	-	-	20	15.5
NEPHRITIS, NEPHROTIC & NEPHROSIS	115	12.7	-	-	-	-	-	-	3	39.1	-	-	-	-	12	9.3
OCCURRENCE																
LIVE BIRTHS, TOTAL	10,929	12.1	1	0.2	72	13.7	-	-	101	13.2	-	-	-	-	2,132	16.5
DEATHS (EXCLUDING FETAL), TOTAL	8,042	8.9	51	7.9	53	10.1	5	5.8	79	10.3	27	12.0	8	7.5	1,372	10.6
INFANT (UNDER 1 YEAR)	61	5.6	-	-	-	-	-	-	-	-	-	-	-	-	15	7.0
ACCIDENTAL	505	0 6	4	0.6	4	0.8	1	1.2	5	0.7	2	0.9	-	-	78	0.6
MOTOR VEHICLE	230	0.3	1	0 2	1	0.2	-	-	2	0.3	2	0.9	-	-	26	0.2
OTHER ACCIDENTAL	275	0.3	3	0.5	3	0.6	1	1.2	3	0.4	-	-	-	-	52	0.4
MARRIAGES	6,870	7 6	40	6.2	44	8.4	2	2.3	51	6.6	11	4.9	4	3.7	928	7.2
MARITAL TERMINATIONS	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

* INFANT AND FETAL MORTALITY RATES ARE SHOWN PER 1,000 LIVE BIRTHS.

** CAUSE-SPECIFIC RESIDENT DEATH RATES ARE SHOWN PER 100,000 ESTIMATED POPULATION. SEE "CAUSE OF DEATH" IN THE "TECHNICAL OVERVIEW" FOR THE INTERNATIONAL CLASSIFICATION OF DISEASE (ICD-9) CODES INCLUDED IN EACH CATEGORY.

— NOT CALCULATED OR NOT AVAILABLE.

\- QUANITY IS ZERO. (_) VALUE IS LESS THAN ZERO.

TABLE 27

FREQUENCY AND PERCENT DISTRIBUTION OF BIRTHS, FETAL DEATHS, AND INDUCED ABORTIONS*
BY MOTHERS' OR PATIENTS' AGES AND COUNTY OF RESIDENCE
MONTANA, 2000

COUNTY OF RESIDENCE	AGE GROUP										
	TOTAL	UNDER 15	15-17	18-19	20-24	25-29	30-34	35-39	40-44	45 OR MORE	N.S.+
TOTAL											
LIVE BIRTHS											
NUMBER	10,946	6	406	861	3,067	3,051	2,190	1,101	251	13	-
PERCENT	100.0	0.1	3.7	7.9	28.0	27.9	20.0	10.1	2.3	0.1	-
FETAL DEATHS											
NUMBER	55	-	6	3	17	13	10	3	3	-	-
PERCENT	100.0	-	10.9	5.5	30.9	23.6	18.2	5.5	5.5	-	-
INDUCED ABORTIONS											
NUMBER	2,118	15	189	286	740	370	253	185	78	1	1
PERCENT	100.0	0.7	8.9	13.5	34.9	17.5	11.9	8.7	3.7	-	-
BEAVERHEAD											
LIVE BIRTHS											
NUMBER	98	-	2	11	22	24	27	8	4	-	-
PERCENT	100.0	-	2.0	11.2	22.4	24.5	27.6	8.2	4.1	-	-
FETAL DEATHS											
NUMBER	-	-	-	-	-	-	-	-	-	-	-
PERCENT	-	-	-	-	-	-	-	-	-	-	-
INDUCED ABORTIONS											
NUMBER	27	-	1	3	12	6	4	-	1	-	-
PERCENT	100.0	-	3.7	11.1	44.4	22.2	14.8	-	3.7	-	-
BIG HORN											
LIVE BIRTHS											
NUMBER	250	1	22	31	77	67	30	16	5	1	-
PERCENT	100.0	0.4	8.8	12.4	30.8	26.8	12.0	6.4	2.0	0.4	-
FETAL DEATHS											
NUMBER	2	-	-	-	-	2	-	-	-	-	-
PERCENT	100.0	-	-	-	-	100.0	-	-	-	-	-
INDUCED ABORTIONS											
NUMBER	16	-	2	3	5	3	1	1	1	-	-
PERCENT	100.0	-	12.5	18.8	31.3	18.8	6.3	6.3	6.3	-	-
BLAINE											
LIVE BIRTHS											
NUMBER	99	-	9	11	26	27	18	8	-	-	-
PERCENT	100.0	-	9.1	11.1	26.3	27.3	18.2	8.1	-	-	-
FETAL DEATHS											
NUMBER	1	-	-	-	-	1	-	-	-	-	-
PERCENT	100.0	-	-	-	-	100.0	-	-	-	-	-
INDUCED ABORTIONS											
NUMBER	6	-	2	2	2	-	-	-	-	-	-
PERCENT	100.0	-	33.3	33.3	33.3	-	-	-	-	-	-
BROADWATER											
LIVE BIRTHS											
NUMBER	30	-	-	3	9	10	4	3	1	-	-
PERCENT	100.0	-	-	10.0	30.0	33.3	13.3	10.0	3.3	-	-
FETAL DEATHS											
NUMBER	-	-	-	-	-	-	-	-	-	-	-
PERCENT	-	-	-	-	-	-	-	-	-	-	-
INDUCED ABORTIONS											
NUMBER	6	-	-	1	2	2	1	-	-	-	-
PERCENT	100.0	-	-	16.7	33.3	33.3	16.7	-	-	-	-
CARBON											
LIVE BIRTHS											
NUMBER	79	-	2	1	20	25	22	8	1	-	-
PERCENT	100.0	-	2.5	1.3	25.3	31.6	27.8	10.1	1.3	-	-
FETAL DEATHS											
NUMBER	-	-	-	-	-	-	-	-	-	-	-
PERCENT	-	-	-	-	-	-	-	-	-	-	-
INDUCED ABORTIONS											
NUMBER	20	-	4	1	1	6	3	4	1	-	-
PERCENT	100.0	-	20.0	5.0	5.0	30.0	15.0	20.0	5.0	-	-
CARTER											
LIVE BIRTHS											
NUMBER	7	-	-	1	-	1	3	1	1	-	-
PERCENT	100.0	-	-	14.3	-	14.3	42.9	14.3	14.3	-	-
FETAL DEATHS											
NUMBER	-	-	-	-	-	-	-	-	-	-	-
PERCENT	-	-	-	-	-	-	-	-	-	-	-
INDUCED ABORTIONS											
NUMBER	2	-	-	-	1	-	-	-	1	-	-
PERCENT	100.0	-	-	-	50.0	-	-	-	50.0	-	-

* THESE EVENTS ARE THE PREGNANCY OUTCOMES REPORTED IN MONTANA. THUS, THIS TABLE DOES NOT INCLUDE INDUCED ABORTIONS PERFORMED OUTSIDE MONTANA ON MONTANA RESIDENTS OR EARLY FETAL DEATHS (WHEN THE FETUS WEIGHED LESS THAN 350 GRAMS OR THE GESTATION WAS LESS THAN 20 WEEKS).

\+ NOT STATED.

\- FREQUENCY IS ZERO.

TABLE 27 (CONTINUED)

FREQUENCY AND PERCENT DISTRIBUTION OF BIRTHS, FETAL DEATHS, AND INDUCED ABORTIONS*
BY MOTHERS' OR PATIENTS' AGES AND COUNTY OF RESIDENCE
MONTANA, 2000

COUNTY OF RESIDENCE	AGE GROUP										
	TOTAL	UNDER 15	15-17	18-19	20-24	25-29	30-34	35-39	40-44	45 OR MORE	N.S.+
CASCADE											
LIVE BIRTHS											
NUMBER	1,011	1	25	91	311	282	188	94	19	-	-
PERCENT	100.0	0.1	2.5	9.0	30.8	27.9	18.6	9.3	1.9	-	-
FETAL DEATHS											
NUMBER	10	-	-	1	-	3	5	-	1	-	-
PERCENT	100.0	-	-	10.0	-	30.0	50.0	-	10.0	-	-
INDUCED ABORTIONS											
NUMBER	158	-	18	26	51	26	21	12	4	-	-
PERCENT	100.0	-	11.4	16.5	32.3	16.5	13.3	7.6	2.5	-	-
CHOUTEAU											
LIVE BIRTHS											
NUMBER	35	-	-	1	7	9	12	6	-	-	-
PERCENT	100.0	-	-	2.9	20.0	25.7	34.3	17.1	-	-	-
FETAL DEATHS											
NUMBER	-	-	-	-	-	-	-	-	-	-	-
PERCENT	-	-	-	-	-	-	-	-	-	-	-
INDUCED ABORTIONS											
NUMBER	5	-	1	-	2	-	1	-	1	-	-
PERCENT	100.0	-	20.0	-	40.0	-	20.0	-	20.0	-	-
CUSTER											
LIVE BIRTHS											
NUMBER	145	-	4	10	43	46	26	13	3	-	-
PERCENT	100.0	-	2.8	6.9	29.7	31.7	17.9	9.0	2.1	-	-
FETAL DEATHS											
NUMBER	2	-	-	-	1	-	-	-	1	-	-
PERCENT	100.0	-	-	-	50.0	-	-	-	50.0	-	-
INDUCED ABORTIONS											
NUMBER	22	-	1	3	8	3	3	4	-	-	-
PERCENT	100.0	-	4.5	13.6	36.4	13.6	13.6	18.2	-	-	-
DANIELS											
LIVE BIRTHS											
NUMBER	14	-	-	2	3	6	1	2	-	-	-
PERCENT	100.0	-	-	14.3	21.4	42.9	7.1	14.3	-	-	-
FETAL DEATHS											
NUMBER	-	-	-	-	-	-	-	-	-	-	-
PERCENT	-	-	-	-	-	-	-	-	-	-	-
INDUCED ABORTIONS											
NUMBER	2	-	-	-	1	1	-	-	-	-	-
PERCENT	100.0	-	-	-	50.0	50.0	-	-	-	-	-
DAWSON											
LIVE BIRTHS											
NUMBER	103	-	2	7	25	39	18	11	1	-	-
PERCENT	100.0	-	1.9	6.8	24.3	37.9	17.5	10.7	1.0	-	-
FETAL DEATHS											
NUMBER	1	-	-	-	-	1	-	-	-	-	-
PERCENT	100.0	-	-	-	-	100.0	-	-	-	-	-
INDUCED ABORTIONS											
NUMBER	10	-	4	-	3	2	1	-	-	-	-
PERCENT	100.0	-	40.0	-	30.0	20.0	10.0	-	-	-	-
DEER LODGE											
LIVE BIRTHS											
NUMBER	82	-	2	9	31	18	8	11	3	-	-
PERCENT	100.0	-	2.4	11.0	37.8	22.0	9.8	13.4	3.7	-	-
FETAL DEATHS											
NUMBER	-	-	-	-	-	-	-	-	-	-	-
PERCENT	-	-	-	-	-	-	-	-	-	-	-
INDUCED ABORTIONS											
NUMBER	22	-	3	3	3	6	4	1	2	-	-
PERCENT	100.0	-	13.6	13.6	13.6	27.3	18.2	4.5	9.1	-	-
FALLON											
LIVE BIRTHS											
NUMBER	25	1	-	-	5	14	4	1	-	-	-
PERCENT	100.0	4.0	-	-	20.0	56.0	16.0	4.0	-	-	-
FETAL DEATHS											
NUMBER	-	-	-	-	-	-	-	-	-	-	-
PERCENT	-	-	-	-	-	-	-	-	-	-	-
INDUCED ABORTIONS											
NUMBER	1	-	1	-	-	-	-	-	-	-	-
PERCENT	100.0	-	100.0	-	-	-	-	-	-	-	-

* THESE EVENTS ARE THE PREGNANCY OUTCOMES REPORTED IN MONTANA. THUS, THIS TABLE DOES NOT INCLUDE INDUCED ABORTIONS PERFORMED OUTSIDE MONTANA ON MONTANA RESIDENTS OR EARLY FETAL DEATHS (WHEN THE FETUS WEIGHED LESS THAN 350 GRAMS OR THE GESTATION WAS LESS THAN 20 WEEKS).

\+ NOT STATED.

\- FREQUENCY IS ZERO.

TABLE 27 (CONTINUED)

FREQUENCY AND PERCENT DISTRIBUTION OF BIRTHS, FETAL DEATHS, AND INDUCED ABORTIONS*
BY MOTHERS' OR PATIENTS' AGES AND COUNTY OF RESIDENCE
MONTANA, 2000

COUNTY OF RESIDENCE	AGE GROUP										
	TOTAL	UNDER 15	15-17	18-19	20-24	25-29	30-34	35-39	40-44	45 OR MORE	N.S.+
FERGUS											
LIVE BIRTHS											
NUMBER	117	-	3	9	28	36	28	11	2	-	-
PERCENT	100.0	-	2.6	7.7	23.9	30.8	23.9	9.4	1.7	-	-
FETAL DEATHS											
NUMBER	-	-	-	-	-	-	-	-	-	-	-
PERCENT	-	-	-	-	-	-	-	-	-	-	-
INDUCED ABORTIONS											
NUMBER	8	-	-	1	4	1	1	1	-	-	-
PERCENT	100.0	-	-	12.5	50.0	12.5	12.5	12.5	-	-	-
FLATHEAD											
LIVE BIRTHS											
NUMBER	962	-	38	83	267	244	191	109	30	-	-
PERCENT	100.0	-	4.0	8.6	27.8	25.4	19.9	11.3	3.1	-	-
FETAL DEATHS											
NUMBER	2	-	-	-	1	-	1	-	-	-	-
PERCENT	100.0	-	-	-	50.0	-	50.0	-	-	-	-
INDUCED ABORTIONS											
NUMBER	197	2	17	30	50	38	35	19	5	1	-
PERCENT	100.0	1.0	8.6	15.2	25.4	19.3	17.8	9.6	2.5	0.5	-
GALLATIN											
LIVE BIRTHS											
NUMBER	835	-	10	36	191	255	210	110	22	1	-
PERCENT	100.0	-	1.2	4.3	22.9	30.5	25.1	13.2	2.6	0.1	-
FETAL DEATHS											
NUMBER	4	-	-	-	3	-	-	1	-	-	-
PERCENT	100.0	-	-	-	75.0	-	-	25.0	-	-	-
INDUCED ABORTIONS											
NUMBER	196	1	8	19	78	40	22	22	6	-	-
PERCENT	100.0	0.5	4.1	9.7	39.8	20.4	11.2	11.2	3.1	-	-
GARFIELD											
LIVE BIRTHS											
NUMBER	15	-	-	1	9	4	1	-	-	-	-
PERCENT	100.0	-	-	6.7	60.0	26.7	6.7	-	-	-	-
FETAL DEATHS											
NUMBER	-	-	-	-	-	-	-	-	-	-	-
PERCENT	-	-	-	-	-	-	-	-	-	-	-
INDUCED ABORTIONS											
NUMBER	-	-	-	-	-	-	-	-	-	-	-
PERCENT	-	-	-	-	-	-	-	-	-	-	-
GLACIER											
LIVE BIRTHS											
NUMBER	253	-	25	29	79	57	35	21	6	1	-
PERCENT	100.0	-	9.9	11.5	31.2	22.5	13.8	8.3	2.4	0.4	-
FETAL DEATHS											
NUMBER	-	-	-	-	-	-	-	-	-	-	-
PERCENT	-	-	-	-	-	-	-	-	-	-	-
INDUCED ABORTIONS											
NUMBER	42	-	6	6	16	7	6	-	1	-	-
PERCENT	100.0	-	14.3	14.3	38.1	16.7	14.3	-	2.4	-	-
GOLDEN VALLEY											
LIVE BIRTHS											
NUMBER	9	-	-	-	2	1	3	3	-	-	-
PERCENT	100.0	-	-	-	22.2	11.1	33.3	33.3	-	-	-
FETAL DEATHS											
NUMBER	-	-	-	-	-	-	-	-	-	-	-
PERCENT	-	-	-	-	-	-	-	-	-	-	-
INDUCED ABORTIONS											
NUMBER	-	-	-	-	-	-	-	-	-	-	-
PERCENT	-	-	-	-	-	-	-	-	-	-	-
GRANITE											
LIVE BIRTHS											
NUMBER	19	-	-	-	6	8	1	2	2	-	-
PERCENT	100.0	-	-	-	31.6	42.1	5.3	10.5	10.5	-	-
FETAL DEATHS											
NUMBER	-	-	-	-	-	-	-	-	-	-	-
PERCENT	-	-	-	-	-	-	-	-	-	-	-
INDUCED ABORTIONS											
NUMBER	5	-	1	-	3	-	1	-	-	-	-
PERCENT	100.0	-	20.0	-	60.0	-	20.0	-	-	-	-

* THESE EVENTS ARE THE PREGNANCY OUTCOMES REPORTED IN MONTANA. THUS, THIS TABLE DOES NOT INCLUDE INDUCED ABORTIONS PERFORMED OUTSIDE MONTANA ON MONTANA RESIDENTS OR EARLY FETAL DEATHS (WHEN THE FETUS WEIGHED LESS THAN 350 GRAMS OR THE GESTATION WAS LESS THAN 20 WEEKS).

\+ NOT STATED.

\- FREQUENCY IS ZERO.

TABLE 27 (CONTINUED)

FREQUENCY AND PERCENT DISTRIBUTION OF BIRTHS, FETAL DEATHS, AND INDUCED ABORTIONS*
BY MOTHERS' OR PATIENTS' AGES AND COUNTY OF RESIDENCE
MONTANA, 2000

COUNTY OF RESIDENCE	AGE GROUP										
	TOTAL	UNDER 15	15-17	18-19	20-24	25-29	30-34	35-39	40-44	45 OR MORE	N.S.+
HILL											
LIVE BIRTHS											
NUMBER	264	1	15	22	82	75	50	15	3	1	-
PERCENT	100.0	0.4	5.7	8.3	31.1	28.4	18.9	5.7	1.1	0.4	-
FETAL DEATHS											
NUMBER	-	-	-	-	-	-	-	-	-	-	-
PERCENT	-	-	-	-	-	-	-	-	-	-	-
INDUCED ABORTIONS											
NUMBER	24	-	1	2	15	4	1	1	-	-	-
PERCENT	100.0	-	4.2	8.3	62.5	16.7	4.2	4.2	-	-	-
JEFFERSON											
LIVE BIRTHS											
NUMBER	82	-	-	5	13	22	28	10	4	-	-
PERCENT	100.0	-	-	6.1	15.9	26.8	34.1	12.2	4.9	-	-
FETAL DEATHS											
NUMBER	-	-	-	-	-	-	-	-	-	-	-
PERCENT	-	-	-	-	-	-	-	-	-	-	-
INDUCED ABORTIONS											
NUMBER	16	-	3	4	6	1	-	2	-	-	-
PERCENT	100.0	-	18.8	25.0	37.5	6.3	-	12.5	-	-	-
JUDITH BASIN											
LIVE BIRTHS											
NUMBER	17	-	-	-	4	5	4	4	-	-	-
PERCENT	100.0	-	-	-	23.5	29.4	23.5	23.5	-	-	-
FETAL DEATHS											
NUMBER	-	-	-	-	-	-	-	-	-	-	-
PERCENT	-	-	-	-	-	-	-	-	-	-	-
INDUCED ABORTIONS											
NUMBER	1	-	-	-	1	-	-	-	-	-	-
PERCENT	100.0	-	-	-	100.0	-	-	-	-	-	-
LAKE											
LIVE BIRTHS											
NUMBER	370	1	22	36	108	96	63	35	8	1	-
PERCENT	100.0	0.3	5.9	9.7	29.2	25.9	17.0	9.5	2.2	0.3	-
FETAL DEATHS											
NUMBER	2	-	-	-	-	1	-	1	-	-	-
PERCENT	100.0	-	-	-	-	50.0	-	50.0	-	-	-
INDUCED ABORTIONS											
NUMBER	63	-	11	-	21	16	4	6	5	-	-
PERCENT	100.0	-	17.5	-	33.3	25.4	6.3	9.5	7.9	-	-
LEWIS & CLARK											
LIVE BIRTHS											
NUMBER	690	-	22	49	188	187	158	71	15	-	-
PERCENT	100.0	-	3.2	7.1	27.2	27.1	22.9	10.3	2.2	-	-
FETAL DEATHS											
NUMBER	3	-	1	-	1	-	1	-	-	-	-
PERCENT	100.0	-	33.3	-	33.3	-	33.3	-	-	-	-
INDUCED ABORTIONS											
NUMBER	143	2	18	22	44	24	9	14	10	-	-
PERCENT	100.0	1.4	12.6	15.4	30.8	16.8	6.3	9.8	7.0	-	-
LIBERTY											
LIVE BIRTHS											
NUMBER	22	-	-	-	1	6	11	4	-	-	-
PERCENT	100.0	-	-	-	4.5	27.3	50.0	18.2	-	-	-
FETAL DEATHS											
NUMBER	-	-	-	-	-	-	-	-	-	-	-
PERCENT	-	-	-	-	-	-	-	-	-	-	-
INDUCED ABORTIONS											
NUMBER	1	-	1	-	-	-	-	-	-	-	-
PERCENT	100.0	-	100.0	-	-	-	-	-	-	-	-
LINCOLN											
LIVE BIRTHS											
NUMBER	188	-	13	22	53	46	31	17	6	-	-
PERCENT	100.0	-	6.9	11.7	28.2	24.5	16.5	9.0	3.2	-	-
FETAL DEATHS											
NUMBER	1	-	-	-	1	-	-	-	-	-	-
PERCENT	100.0	-	-	-	100.0	-	-	-	-	-	-
INDUCED ABORTIONS											
NUMBER	26	-	5	3	8	3	2	4	1	-	-
PERCENT	100.0	-	19.2	11.5	30.8	11.5	7.7	15.4	3.8	-	-

* THESE EVENTS ARE THE PREGNANCY OUTCOMES REPORTED IN MONTANA. THUS, THIS TABLE DOES NOT INCLUDE INDUCED ABORTIONS PERFORMED OUTSIDE MONTANA ON MONTANA RESIDENTS OR EARLY FETAL DEATHS (WHEN THE FETUS WEIGHED LESS THAN 350 GRAMS OR THE GESTATION WAS LESS THAN 20 WEEKS).

\+ NOT STATED.

\- FREQUENCY IS ZERO.

TABLE 27 (CONTINUED)

FREQUENCY AND PERCENT DISTRIBUTION OF BIRTHS, FETAL DEATHS, AND INDUCED ABORTIONS*
BY MOTHERS' OR PATIENTS' AGES AND COUNTY OF RESIDENCE
MONTANA, 2000

COUNTY OF RESIDENCE	AGE GROUP										
	TOTAL	UNDER 15	15-17	18-19	20-24	25-29	30-34	35-39	40-44	45 OR MORE	N.S.+
MCCONE											
LIVE BIRTHS											
NUMBER	12	-	-	-	4	4	3	1	-	-	-
PERCENT	100.0	-	-	-	33.3	33.3	25.0	8.3	-	-	-
FETAL DEATHS											
NUMBER	-	-	-	-	-	-	-	-	-	-	-
PERCENT	-	-	-	-	-	-	-	-	-	-	-
INDUCED ABORTIONS											
NUMBER	-	-	-	-	-	-	-	-	-	-	-
PERCENT	-	-	-	-	-	-	-	-	-	-	-
MADISON											
LIVE BIRTHS											
NUMBER	54	-	1	2	6	20	14	7	4	-	-
PERCENT	100.0	-	1.9	3.7	11.1	37.0	25.9	13.0	7.4	-	-
FETAL DEATHS											
NUMBER	-	-	-	-	-	-	-	-	-	-	-
PERCENT	-	-	-	-	-	-	-	-	-	-	-
INDUCED ABORTIONS											
NUMBER	17	-	1	3	5	4	1	3	-	-	-
PERCENT	100.0	-	5.9	17.6	29.4	23.5	5.9	17.6	-	-	-
MEAGHER											
LIVE BIRTHS											
NUMBER	23	-	2	2	7	1	5	3	3	-	-
PERCENT	100.0	-	8.7	8.7	30.4	4.3	21.7	13.0	13.0	-	-
FETAL DEATHS											
NUMBER	-	-	-	-	-	-	-	-	-	-	-
PERCENT	-	-	-	-	-	-	-	-	-	-	-
INDUCED ABORTIONS											
NUMBER	4	1	-	-	-	1	2	-	-	-	-
PERCENT	100.0	25.0	-	-	-	25.0	50.0	-	-	-	-
MINERAL											
LIVE BIRTHS											
NUMBER	40	-	3	1	11	16	5	2	2	-	-
PERCENT	100.0	-	7.5	2.5	27.5	40.0	12.5	5.0	5.0	-	-
FETAL DEATHS											
NUMBER	-	-	-	-	-	-	-	-	-	-	-
PERCENT	-	-	-	-	-	-	-	-	-	-	-
INDUCED ABORTIONS											
NUMBER	7	-	1	-	3	2	-	1	-	-	-
PERCENT	100.0	-	14.3	-	42.9	28.6	-	14.3	-	-	-
MISSOULA											
LIVE BIRTHS											
NUMBER	1,154	-	32	77	318	315	248	131	31	2	-
PERCENT	100.0	-	2.8	6.7	27.6	27.3	21.5	11.4	2.7	0.2	-
FETAL DEATHS											
NUMBER	4	-	3	-	1	-	-	-	-	-	-
PERCENT	100.0	-	75.0	-	25.0	-	-	-	-	-	-
INDUCED ABORTIONS											
NUMBER	346	2	18	58	156	49	28	30	5	-	-
PERCENT	100.0	0.6	5.2	16.8	45.1	14.2	8.1	8.7	1.4	-	-
MUSSELSHELL											
LIVE BIRTHS											
NUMBER	39	-	2	2	15	10	6	4	-	-	-
PERCENT	100.0	-	5.1	5.1	38.5	25.6	15.4	10.3	-	-	-
FETAL DEATHS											
NUMBER	1	-	-	-	-	-	1	-	-	-	-
PERCENT	100.0	-	-	-	-	-	100.0	-	-	-	-
INDUCED ABORTIONS											
NUMBER	15	-	1	3	4	3	1	3	-	-	-
PERCENT	100.0	-	6.7	20.0	26.7	20.0	6.7	20.0	-	-	-
PARK											
LIVE BIRTHS											
NUMBER	174	-	6	18	44	53	29	19	4	1	-
PERCENT	100.0	-	3.4	10.3	25.3	30.5	16.7	10.9	2.3	0.6	-
FETAL DEATHS											
NUMBER	4	-	-	1	-	1	1	-	1	-	-
PERCENT	100.0	-	-	25.0	-	25.0	25.0	-	25.0	-	-
INDUCED ABORTIONS											
NUMBER	32	-	4	4	8	2	8	2	4	-	-
PERCENT	100.0	-	12.5	12.5	25.0	6.3	25.0	6.3	12.5	-	-

* THESE EVENTS ARE THE PREGNANCY OUTCOMES REPORTED IN MONTANA. THUS, THIS TABLE DOES NOT INCLUDE INDUCED ABORTIONS PERFORMED OUTSIDE MONTANA ON MONTANA RESIDENTS OR EARLY FETAL DEATHS (WHEN THE FETUS WEIGHED LESS THAN 350 GRAMS OR THE GESTATION WAS LESS THAN 20 WEEKS).

\+ NOT STATED.

\- FREQUENCY IS ZERO.

TABLE 27 (CONTINUED)

FREQUENCY AND PERCENT DISTRIBUTION OF BIRTHS, FETAL DEATHS, AND INDUCED ABORTIONS*
BY MOTHERS' OR PATIENTS' AGES AND COUNTY OF RESIDENCE
MONTANA, 2000

COUNTY OF RESIDENCE	AGE GROUP										
	TOTAL	UNDER 15	15-17	18-19	20-24	25-29	30-34	35-39	40-44	45 OR MORE	N.S.+
PETROLEUM											
LIVE BIRTHS											
NUMBER	6	-	-	-	3	2	1	-	-	-	-
PERCENT	100.0	-	-	-	50.0	33.3	16.7	-	-	-	-
FETAL DEATHS											
NUMBER	-	-	-	-	-	-	-	-	-	-	-
PERCENT	-	-	-	-	-	-	-	-	-	-	-
INDUCED ABORTIONS											
NUMBER	-	-	-	-	-	-	-	-	-	-	-
PERCENT	-	-	-	-	-	-	-	-	-	-	-
PHILLIPS											
LIVE BIRTHS											
NUMBER	39	-	2	4	10	8	12	2	1	-	-
PERCENT	100.0	-	5.1	10.3	25.6	20.5	30.8	5.1	2.6	-	-
FETAL DEATHS											
NUMBER	-	-	-	-	-	-	-	-	-	-	-
PERCENT	-	-	-	-	-	-	-	-	-	-	-
INDUCED ABORTIONS											
NUMBER	2	-	-	1	-	-	-	-	1	-	-
PERCENT	100.0	-	-	50.0	-	-	-	-	50.0	-	-
PONDERA											
LIVE BIRTHS											
NUMBER	77	-	6	4	21	21	13	7	5	-	-
PERCENT	100.0	-	7.8	5.2	27.3	27.3	16.9	9.1	6.5	-	-
FETAL DEATHS											
NUMBER	-	-	-	-	-	-	-	-	-	-	-
PERCENT	-	-	-	-	-	-	-	-	-	-	-
INDUCED ABORTIONS											
NUMBER	5	-	1	-	2	2	-	-	-	-	-
PERCENT	100.0	-	20.0	-	40.0	40.0	-	-	-	-	-
POWDER RIVER											
LIVE BIRTHS											
NUMBER	18	-	-	1	4	4	5	4	-	-	-
PERCENT	100.0	-	-	5.6	22.2	22.2	27.8	22.2	-	-	-
FETAL DEATHS											
NUMBER	-	-	-	-	-	-	-	-	-	-	-
PERCENT	-	-	-	-	-	-	-	-	-	-	-
INDUCED ABORTIONS											
NUMBER	4	-	-	-	3	-	-	1	-	-	-
PERCENT	100.0	-	-	-	75.0	-	-	25.0	-	-	-
POWELL											
LIVE BIRTHS											
NUMBER	54	-	3	7	15	11	9	6	3	-	-
PERCENT	100.0	-	5.6	13.0	27.8	20.4	16.7	11.1	5.6	-	-
FETAL DEATHS											
NUMBER	-	-	-	-	-	-	-	-	-	-	-
PERCENT	-	-	-	-	-	-	-	-	-	-	-
INDUCED ABORTIONS											
NUMBER	10	-	2	2	4	1	-	-	1	-	-
PERCENT	100.0	-	20.0	20.0	40.0	10.0	-	-	10.0	-	-
PRAIRIE											
LIVE BIRTHS											
NUMBER	10	-	-	-	2	6	1	1	-	-	-
PERCENT	100.0	-	-	-	20.0	60.0	10.0	10.0	-	-	-
FETAL DEATHS											
NUMBER	1	-	-	-	1	-	-	-	-	-	-
PERCENT	100.0	-	-	-	100.0	-	-	-	-	-	-
INDUCED ABORTIONS											
NUMBER	1	-	-	-	-	-	1	-	-	-	-
PERCENT	100.0	-	-	-	-	-	100.0	-	-	-	-
RAVALLI											
LIVE BIRTHS											
NUMBER	389	-	14	41	104	104	78	38	7	3	-
PERCENT	100.0	-	3.6	10.5	26.7	26.7	20.1	9.8	1.8	0.8	-
FETAL DEATHS											
NUMBER	3	-	1	1	1	-	-	-	-	-	-
PERCENT	100.0	-	33.3	33.3	33.3	-	-	-	-	-	-
INDUCED ABORTIONS											
NUMBER	69	-	6	9	15	11	17	8	3	-	-
PERCENT	100.0	-	8.7	13.0	21.7	15.9	24.6	11.6	4.3	-	-

* THESE EVENTS ARE THE PREGNANCY OUTCOMES REPORTED IN MONTANA. THUS, THIS TABLE DOES NOT INCLUDE INDUCED ABORTIONS PERFORMED OUTSIDE MONTANA ON MONTANA RESIDENTS OR EARLY FETAL DEATHS (WHEN THE FETUS WEIGHED LESS THAN 350 GRAMS OR THE GESTATION WAS LESS THAN 20 WEEKS).

\+ NOT STATED.

\- FREQUENCY IS ZERO.

TABLE 27 (CONTINUED)

FREQUENCY AND PERCENT DISTRIBUTION OF BIRTHS, FETAL DEATHS, AND INDUCED ABORTIONS*
BY MOTHERS' OR PATIENTS' AGES AND COUNTY OF RESIDENCE
MONTANA, 2000

COUNTY OF RESIDENCE	AGE GROUP										
	TOTAL	UNDER 15	15-17	18-19	20-24	25-29	30-34	35-39	40-44	45 OR MORE	N.S.+
RICHLAND											
LIVE BIRTHS											
NUMBER	100	-	5	7	25	38	18	6	1	-	-
PERCENT	100.0	-	5.0	7.0	25.0	38.0	18.0	6.0	1.0	-	-
FETAL DEATHS											
NUMBER	1	-	-	-	1	-	-	-	-	-	-
PERCENT	100.0	-	-	-	100.0	-	-	-	-	-	-
INDUCED ABORTIONS											
NUMBER	7	1	-	-	1	2	3	-	-	-	-
PERCENT	100.0	14.3	-	-	14.3	28.6	42.9	-	-	-	-
ROOSEVELT											
LIVE BIRTHS											
NUMBER	187	-	10	27	66	48	20	11	4	1	-
PERCENT	100.0	-	5.3	14.4	35.3	25.7	10.7	5.9	2.1	0.5	-
FETAL DEATHS											
NUMBER	2	-	-	-	1	-	-	1	-	-	-
PERCENT	100.0	-	-	-	50.0	-	-	50.0	-	-	-
INDUCED ABORTIONS											
NUMBER	18	-	-	3	8	4	2	1	-	-	-
PERCENT	100.0	-	-	16.7	44.4	22.2	11.1	5.6	-	-	-
ROSEBUD											
LIVE BIRTHS											
NUMBER	153	-	8	16	41	34	30	20	4	-	-
PERCENT	100.0	-	5.2	10.5	26.8	22.2	19.6	13.1	2.6	-	-
FETAL DEATHS											
NUMBER	2	-	-	-	1	1	-	-	-	-	-
PERCENT	100.0	-	-	-	50.0	50.0	-	-	-	-	-
INDUCED ABORTIONS											
NUMBER	10	1	2	-	3	2	1	1	-	-	-
PERCENT	100.0	10.0	20.0	-	30.0	20.0	10.0	10.0	-	-	-
SANDERS											
LIVE BIRTHS											
NUMBER	93	-	6	3	32	27	15	8	2	-	-
PERCENT	100.0	-	6.5	3.2	34.4	29.0	16.1	8.6	2.2	-	-
FETAL DEATHS											
NUMBER	-	-	-	-	-	-	-	-	-	-	-
PERCENT	-	-	-	-	-	-	-	-	-	-	-
INDUCED ABORTIONS											
NUMBER	12	-	2	2	2	-	5	-	1	-	-
PERCENT	100.0	-	16.7	16.7	16.7	-	41.7	-	8.3	-	-
SHERIDAN											
LIVE BIRTHS											
NUMBER	29	-	2	1	6	8	10	2	-	-	-
PERCENT	100.0	-	6.9	3.4	20.7	27.6	34.5	6.9	-	-	-
FETAL DEATHS											
NUMBER	-	-	-	-	-	-	-	-	-	-	-
PERCENT	-	-	-	-	-	-	-	-	-	-	-
INDUCED ABORTIONS											
NUMBER	2	-	-	-	-	-	-	1	1	-	-
PERCENT	100.0	-	-	-	-	-	-	50.0	50.0	-	-
SILVER BOW											
LIVE BIRTHS											
NUMBER	395	-	12	27	122	123	70	32	9	-	-
PERCENT	100.0	-	3.0	6.8	30.9	31.1	17.7	8.1	2.3	-	-
FETAL DEATHS											
NUMBER	1	-	-	-	-	1	-	-	-	-	-
PERCENT	100.0	-	-	-	-	100.0	-	-	-	-	-
INDUCED ABORTIONS											
NUMBER	80	3	3	5	31	15	8	8	6	-	1
PERCENT	100.0	3.8	3.8	6.3	38.8	18.8	10.0	10.0	7.5	-	1.3
STILLWATER											
LIVE BIRTHS											
NUMBER	86	-	2	7	25	18	17	14	3	-	-
PERCENT	100.0	-	2.3	8.1	29.1	20.9	19.8	16.3	3.5	-	-
FETAL DEATHS											
NUMBER	-	-	-	-	-	-	-	-	-	-	-
PERCENT	-	-	-	-	-	-	-	-	-	-	-
INDUCED ABORTIONS											
NUMBER	10	-	1	1	4	1	2	-	1	-	-
PERCENT	100.0	-	10.0	10.0	40.0	10.0	20.0	-	10.0	-	-

* THESE EVENTS ARE THE PREGNANCY OUTCOMES REPORTED IN MONTANA. THUS, THIS TABLE DOES NOT INCLUDE INDUCED ABORTIONS PERFORMED OUTSIDE MONTANA ON MONTANA RESIDENTS OR EARLY FETAL DEATHS (WHEN THE FETUS WEIGHED LESS THAN 350 GRAMS OR THE GESTATION WAS LESS THAN 20 WEEKS).

\+ NOT STATED.

\- FREQUENCY IS ZERO.

TABLE 27 (CONTINUED)

FREQUENCY AND PERCENT DISTRIBUTION OF BIRTHS, FETAL DEATHS, AND INDUCED ABORTIONS*
BY MOTHERS' OR PATIENTS' AGES AND COUNTY OF RESIDENCE
MONTANA, 2000

COUNTY OF RESIDENCE	AGE GROUP										
	TOTAL	UNDER 15	15-17	18-19	20-24	25-29	30-34	35-39	40-44	45 OR MORE	N.S.+
SWEET GRASS											
LIVE BIRTHS											
NUMBER	33	-	-	-	9	15	3	6	-	-	-
PERCENT	100.0	-	-	-	27.3	45.5	9.1	18.2	-	-	-
FETAL DEATHS											
NUMBER	2	-	-	-	2	-	-	-	-	-	-
PERCENT	100.0	-	-	-	100.0	-	-	-	-	-	-
INDUCED ABORTIONS											
NUMBER	6	-	1	-	1	1	2	-	1	-	-
PERCENT	100.0	-	16.7	-	16.7	16.7	33.3	-	16.7	-	-
TETON											
LIVE BIRTHS											
NUMBER	66	-	1	1	14	25	15	8	2	-	-
PERCENT	100.0	-	1.5	1.5	21.2	37.9	22.7	12.1	3.0	-	-
FETAL DEATHS											
NUMBER	-	-	-	-	-	-	-	-	-	-	-
PERCENT	-	-	-	-	-	-	-	-	-	-	-
INDUCED ABORTIONS											
NUMBER	9	1	-	2	3	1	-	1	1	-	-
PERCENT	100.0	11.1	-	22.2	33.3	11.1	-	11.1	11.1	-	-
TOOLE											
LIVE BIRTHS											
NUMBER	62	-	1	5	19	23	9	4	1	-	-
PERCENT	100.0	-	1.6	8.1	30.6	37.1	14.5	6.5	1.6	-	-
FETAL DEATHS											
NUMBER	1	-	-	-	-	1	-	-	-	-	-
PERCENT	100.0	-	-	-	-	100.0	-	-	-	-	-
INDUCED ABORTIONS											
NUMBER	1	-	-	-	-	1	-	-	-	-	-
PERCENT	100.0	-	-	-	-	100.0	-	-	-	-	-
TREASURE											
LIVE BIRTHS											
NUMBER	4	-	1	-	1	-	2	-	-	-	-
PERCENT	100.0	-	25.0	-	25.0	-	50.0	-	-	-	-
FETAL DEATHS											
NUMBER	-	-	-	-	-	-	-	-	-	-	-
PERCENT	-	-	-	-	-	-	-	-	-	-	-
INDUCED ABORTIONS											
NUMBER	-	-	-	-	-	-	-	-	-	-	-
PERCENT	-	-	-	-	-	-	-	-	-	-	-
VALLEY											
LIVE BIRTHS											
NUMBER	92	-	7	3	27	24	16	13	2	-	-
PERCENT	100.0	-	7.6	3.3	29.3	26.1	17.4	14.1	2.2	-	-
FETAL DEATHS											
NUMBER	-	-	-	-	-	-	-	-	-	-	-
PERCENT	-	-	-	-	-	-	-	-	-	-	-
INDUCED ABORTIONS											
NUMBER	9	-	4	2	1	2	-	-	-	-	-
PERCENT	100.0	-	44.4	22.2	11.1	22.2	-	-	-	-	-
WHEATLAND											
LIVE BIRTHS											
NUMBER	26	-	-	2	6	8	7	3	-	-	-
PERCENT	100.0	-	-	7.7	23.1	30.8	26.9	11.5	-	-	-
FETAL DEATHS											
NUMBER	-	-	-	-	-	-	-	-	-	-	-
PERCENT	-	-	-	-	-	-	-	-	-	-	-
INDUCED ABORTIONS											
NUMBER	2	-	-	-	-	1	1	-	-	-	-
PERCENT	100.0	-	-	-	-	50.0	50.0	-	-	-	-
WIBAUX											
LIVE BIRTHS											
NUMBER	10	-	-	1	3	-	5	-	1	-	-
PERCENT	100.0	-	-	10.0	30.0	-	50.0	-	10.0	-	-
FETAL DEATHS											
NUMBER	-	-	-	-	-	-	-	-	-	-	-
PERCENT	-	-	-	-	-	-	-	-	-	-	-
INDUCED ABORTIONS											
NUMBER	3	-	-	2	-	1	-	-	-	-	-
PERCENT	100.0	-	-	66.7	-	33.3	-	-	-	-	-

* THESE EVENTS ARE THE PREGNANCY OUTCOMES REPORTED IN MONTANA. THUS, THIS TABLE DOES NOT INCLUDE INDUCED ABORTIONS PERFORMED OUTSIDE MONTANA ON MONTANA RESIDENTS OR EARLY FETAL DEATHS (WHEN THE FETUS WEIGHED LESS THAN 350 GRAMS OR THE GESTATION WAS LESS THAN 20 WEEKS).

\+ NOT STATED.

\- FREQUENCY IS ZERO.

TABLE 27 (CONCLUDED)

FREQUENCY AND PERCENT DISTRIBUTION OF BIRTHS, FETAL DEATHS, AND INDUCED ABORTIONS*
BY MOTHERS' OR PATIENTS' AGES AND COUNTY OF RESIDENCE
MONTANA, 2000

COUNTY OF RESIDENCE	AGE GROUP										
	TOTAL	UNDER 15	15-17	18-19	20-24	25-29	30-34	35-39	40-44	45 OR MORE	N.S.+
YELLOWSTONE											
LIVE BIRTHS											
NUMBER	1,699	1	64	132	496	475	349	155	26	1	-
PERCENT	100.0	0.1	3.8	7.8	29.2	28.0	20.5	9.1	1.5	0.1	-
FETAL DEATHS											
NUMBER	5	-	1	-	2	1	1	-	-	-	-
PERCENT	100.0	-	20.0	-	40.0	20.0	20.0	-	-	-	-
INDUCED ABORTIONS											
NUMBER	396	1	32	57	140	72	50	31	13	-	-
PERCENT	100.0	0.3	8.1	14.4	35.4	18.2	12.6	7.8	3.3	-	-
YELLOWSTONE PARK											
LIVE BIRTHS											
NUMBER	0	0	0	0	0	0	0	0	0	0	0
PERCENT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
FETAL DEATHS											
NUMBER	0	0	0	0	0	0	0	0	0	0	0
PERCENT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
INDUCED ABORTIONS											
NUMBER	0	0	0	0	0	0	0	0	0	0	0
PERCENT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
COUNTY NOT STATED											
LIVE BIRTHS											
NUMBER	1	-	-	-	1	-	-	-	-	-	-
PERCENT	100.0	-	-	-	100.0	-	-	-	-	-	-
FETAL DEATHS											
NUMBER	-	-	-	-	-	-	-	-	-	-	-
PERCENT	-	-	-	-	-	-	-	-	-	-	-
INDUCED ABORTIONS											
NUMBER	22	-	2	3	9	3	1	3	1	-	-
PERCENT	100.0	-	9.1	13.6	40.9	13.6	4.5	13.6	4.5	-	-

* THESE EVENTS ARE THE PREGNANCY OUTCOMES REPORTED IN MONTANA. THUS, THIS TABLE DOES NOT INCLUDE INDUCED ABORTIONS PERFORMED OUTSIDE MONTANA ON MONTANA RESIDENTS OR EARLY FETAL DEATHS (WHEN THE FETUS WEIGHED LESS THAN 350 GRAMS OR THE GESTATION WAS LESS THAN 20 WEEKS).

\+ NOT STATED.

\- FREQUENCY IS ZERO.

TABLE 39

OTHER REPORTABLE DISEASES OF INTEREST: ANNUAL 2000 SUMMARY

Diseases which are reported infrequently or which are of special interest are detailed in this section as they occur.
All counties reporting at least one case are listed.

Reportin County*	ASEPTIC MEN	BAC MEN OTR	INFANT BOT	CRYPTOSPOR	HANTAVIRUS	MALARIA	MUMPS	TETANUS	TYPHOID FVR
Carbon	-	1	-	1	-	-	-	-	-
Custer	-	-	-	-	1	-	-	-	-
Fergus	-	-	-	1	-	-	-	-	-
Flathead	-	1	-	-	-	-	-	-	-
Gallatin	10	-	-	1	-	-	-	-	-
Hill	1	-	-	-	-	-	-	-	-
Lake	-	-	2	-	-	-	-	-	-
Lewis &	-	-	-	1	-	-	-	-	-
Lincoln	1	-	-	-	-	-	-	-	-
Missoul	-	-	-	1	1	1	-	-	2
Park	-	-	-	-	-	-	1	-	-
Powell	1	-	-	-	-	-	-	-	-
Sanders	-	-	-	-	1	-	-	-	-
Sheridа	-	-	-	1	-	-	-	-	-
Stillwate	1	-	-	-	-	-	-	-	-
Sweet G	-	-	-	2	1	-	-	-	-
Yellows	-	1	-	2	-	-	-	1	-
2000	14	3	2	10	4	1	1	1	2
1999	1	2	1	13	2	4	0	0	0
1998	5	7	0	10	3	1	0	1	0

STATEWIDE REPORTS:

Conditions which are reported to the Centers for Disease Control and Prevention or which are unique are reported below. Such conditions may include seasonal events such as influenza activity, as well as outbreaks or events for which heightened awareness is necessary.

RABIES REPORT: 65 (6.2%) of the 971 specimens submitted as of December 31, 2000 tested positive for the virus.

Big Hor: One dog, three skunks
Carter: One skunk
Cascade: Two bats
Custer: One skunk
Dawson: One skunk, three bats
Fergus: Three skunks, one bat
Gallatin: Two bats
Garfield: Two Skunks
Madison: One bat
McCone: One skunk
Missoula: Four bats
Mussels: One skunk, two bats
Park: One bat
Petroleu: Two skunks
Pondera: One skunk
Powder River: Three skunks
Powell: One bat
Ravalli: Two bats
Richland: One cow, three skunks
Roosevelt: Three skunks
Rosebud: Two cats, one skunk
Sanders: One bat
Sheridan: Three skunks
Stillwater: Two bats
Teton: Four skunks
Valley: Two skunks
Wheatland: Two skunk
Yellowstone: One bat

FOODBORNE/WATERBORNE OUTBREAKS: The number of outbreaks/incidents and cases attributed to each are noted on page one. A short description of reports is summarized below. Additional information may be obtained by contacting the county of report. Please report any "incident in which two or more persons experience a similar gastrointestinal or diarrheal illness and epidemiological analysis implicates a common source of exposure". A single case of foodborne intoxication (botulism, scromboid) should also be considered an outbreak and reported.

BEAVERHEAD COUNTY- One incident with 3 of 6 people consuming local fast food ill. Onset and symptoms consistent with viral agent, no specific causative agent identified despite testing of at least one case.

CASCADE COUNTY- One incident with 3 of 7 becoming ill after consuming a variety of items out of state. Symptoms consistent with viral agent included nausea, vomiting and diarrhea. No medical care sought.

GALLATIN COUNTY- One incident with and estimated 62 ill with gastroenteritis. Those ill included students and staff of Montana State University. Although limited testing was performed and food histories were taken, no causative agent or suspect food items identified. While food borne spread is suspected for most individuals, person to person tranmission may have contibuted to spread of illness.

PARK COUNTY- One incident with approximately 4 of 4 ill after consuming several common meals. Symptoms consistent with viral gastroenteritis illness. No medical care sought and no causative agents or suspect food items identified after interviews.

MISSOULA COUNTY- One incident with approximately 59 of 160 individuals ill with gastroenteritis. Those ill had attended a multi-day convention and consumed a variety of buffett style items. Limited testing yielded no enteric pathogens. Recommendations involving foodhandling, hygiene and restriction of ill staff made.

MISSOULA COUNTY- One incident with approximately 25 of 110 nursing home residents ill with gastroenteritis. No causative agent or foods identified.

For more information on disease reporting, including how and what to report, contact Jim Murphy at (406) 444-0274 or by E-mail at jmurphy@state.mt.us This information is also available at www.dphhs.state.mt.us/hpsd/

TABLE 31
REPORTED NEOPLASMS BY ANATOMICAL SITE AND SEX
MONTANA RESIDENTS, 2000 DIAGNOSES
CASES REPORTED AS OF JULY 2001
MONTANA CENTRAL TUMOR REGISTRY

PRIMARY CANCER SITES	MALE	FEMALE	TOTAL
TOTAL, ALL SITES	1,648	1,642	3,290
Buccal Cavity and Pharynx	**45**	**18**	**63**
Lip	16	6	22
Tongue	5	1	6
Major Salivary gland	3	1	4
Floor of Mouth	2	-	2
Gum & Other Mouth	3	2	5
Nasopharynx	2	-	2
Tonsil	11	6	17
Oropharynx	-	-	0
Hypopharynx	1	2	3
Pharynx	2	-	2
Digestive System	**291**	**215**	**506**
Esophagus	18	4	22
Stomach	30	12	42
Small Intestine	8	1	9
Colon	107	105	212
Rectum & Rectosigmoid	65	36	101
Anus & Anocanal	3	4	7
Liver	8	4	12
Gallbladder	2	7	9
Other Biliary	3	4	7
Pancreas	42	35	77
Retroperitoneum	2	1	3
Peritoneum	-	2	2
Other Digestive Organs	3	-	3
Respiratory System	**274**	**219**	**493**
Nasal Cavity & Sinuses	3	2	5
Larynx	17	2	19
Lung & Bronchus	247	212	459
Trachea & Pleura	7	3	10
Bones & Joints	**4**	**-**	**4**
Soft Tissue	**5**	**9**	**14**
Melanoma	**103**	**82**	**185**
Breast	**2**	**578**	**580**
Eye	**1**	**1**	**2**

PRIMARY CANCER SITES	MALE	FEMALE	TOTAL
Female Genital System	---	**272**	**272**
Cervix	---	21	21
Cervix In-situ	---	124	124
Uterus	---	68	68
Ovary	---	43	43
Vagina	---	3	3
Vulva	---	12	12
Other Female Genital Organs	---	1	1
Male Genital System	**561**	---	**561**
Prostate	529	---	529
Testis	25	---	25
Penis	6	---	6
Other Male Genital Organs	1	---	1
Urinary System	**145**	**53**	**198**
Bladder	103	25	128
Kidney & Renal Pelvis	38	26	64
Ureter	2	-	2
Other Unnary Organs	2	2	4
Brain & Other Nervous System	**30**	**12**	**42**
Brain	29	12	41
Other Nervous System	1	-	1
Endocrine System	**19**	**39**	**58**
Thyroid Gland	17	36	53
Other Endocrine	2	3	5
Lymphomas*	**66**	**69**	**135**
Hodgkin's Disease	16	17	33
Non-Hodgkin's Lymphomas	50	52	102
Multiple Myeloma	**17**	**15**	**32**
Leukemias	**44**	**30**	**74**
Acute Lymphocytic	1	5	6
Chronic Lymphocytic	14	4	18
Acute Myeloid	12	9	21
Chronic Myeloid	8	5	13
Other Leukemia	9	7	16
Unknown and Ill-defined Sites	**41**	**30**	**71**

* Non-Hodgkins Lymphoma (NHL) and Hodgkins Disease are not included in the anatomical site (e g , lymphoma of the stomach is counted as a lymphoma, not stomach cancer).

TABLE 28

MONTANA DEPARTMENT OF PUBLIC HEALTH AND HUMAN SERVICES
COMMUNICABLE DISEASE PROGRAM
2000 Annual Summary

Reporting County*	CAMPYLOBACTER	DIPHTHERIA	PATHOGENIC E COLI	GIARDIA	HAEMOPHILIS B	INFLUENZA B	HEPATITIS A	HEPATITIS B	HEPATITIS NON A NON B	LEGIONELLA	MEASLES	MENING	PERTUSSIS	RMSF	SALMONELLA	SHIGELLA	TB	FOODBORNE AND WATERBORNE OUTBREAK RELATED CASES INCIDENTS/CASES
Beaverhead	5	-	1	-	-	-	-	-	2	-	-	-	-	-	-	-	1	1/6
Big Horn	-	-	-	1	-	-	2	-	-	-	-	-	1	-	-	-	1	-
Blaine	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	-
Broadwater	-	-	1	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-
Carbon	3	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carter	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cascade	7	-	5	12	-	-	2	4	-	-	-	2	-	-	7	1	1	1/3
Chouteau	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Custer	1	-	-	2	-	-	-	-	-	-	-	-	-	-	1	-	-	-
Daniels	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dawson	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Deer Lodge	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-
Fallon	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fergus	-	-	3	-	1	-	-	-	-	-	-	-	1	-	-	-	-	-
Flathead	14	-	5	7	-	-	1	-	-	-	-	-	3	1	6	3	-	-
Gallatin	10	-	3	23	-	-	-	-	-	-	-	-	5	-	10	-	-	1/82
Garfield	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-
Glacier	-	-	2	-	-	-	1	-	-	-	-	-	2	-	-	-	3	-
Golden Valley	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Granite	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hill	3	-	-	2	-	-	-	-	-	-	-	-	-	-	7	-	-	-
Jefferson	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Judith Basin	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lake	4	-	1	4	-	-	-	-	1	1	-	-	-	-	2	-	-	-
Lewis & Clark	5	-	8	5	-	-	1	-	1	-	-	-	-	-	9	1	-	-
Liberty	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lincoln	-	-	-	1	-	-	-	-	-	-	-	1	-	-	-	-	1	-
McCone	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Madison	4	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-
Meagher	-	-	-	1	-	-	-	-	-	-	-	-	-	-	1	-	-	-
Mineral	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Missoula	15	-	2	8	-	-	1	-	-	-	-	1	21	2	12	-	-	2/84
Musselshell	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Park	7	-	-	2	-	-	-	-	-	-	-	-	-	-	1	-	-	1/4
Petroleum	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Phillips	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-
Pondera	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-
Powder River	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Powell	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Prarie	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ravalli	5	-	2	3	-	-	1	1	-	-	-	-	-	-	4	-	-	-
Richland	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-
Roosevelt	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
Rosebud	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	1	-
Sanders	1	-	1	2	-	-	1	-	-	-	-	-	-	-	2	-	-	-
Sheridan	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Silver Bow	-	-	3	-	-	-	-	-	-	-	-	1	-	-	4	2	-	-
Stillwater	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sweet Grass	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-
Teton	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Toole	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-
Treasure	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Valley	-	-	1	-	-	-	-	-	-	-	-	-	-	-	2	-	4	-
Wheatland	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Wibaux	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Yellowstone	13	-	6	11	-	-	1	-	1	-	-	1	-	-	18	1	3	-
2000	107	0	48	91	1	7	8	5	2	0	6	35	4	97	8	21	6/180	
1999	106	0	45	83	3	18	21	5	0	0	5	2	2	86	10	14	6/136	
1998	101	0	41	119	0	96	8	8	2	0	5	17	1	79	8	21	21/340	

* "Reporting county" reflects county of residence whenever possible
The above disease totals reflect the cumulative number of reports received by DPHHS January through December 31, 2000.
Each disease is classified by month of event. While month of event generally reflects the onset of symptoms, it may also reflect date of report or test.
The reporting county is the county of residence/occurrence of the case. Data are subject to corrections

TABLE 29

SEXUALLY TRANSMITTED DISEASES BY COUNTY,
2000 ANNUAL REPORT

Reporting County*	AIDS	CHLAMYDIA	GONORRHEA	SYPHILIS
Beaverhead	1	19	-	-
Big Horn	1	82	9	-
Blaine	-	33	-	-
Broadwater	-	1	-	-
Carbon	-	1	-	-
Carter	-	1	-	-
Cascade	2	198	4	-
Choteau	-	2	-	-
Custer	-	22	-	-
Daniels	-	-	-	-
Dawson	-	12	-	-
Deer Lodge	-	3	-	-
Fallon	-	4	-	-
Fergus	-	9	-	-
Flathead	-	72	2	-
Gallatin	1	76	6	-
Garfield	-	-	-	-
Glacier	-	131	3	-
Golden Valley	-	-	-	-
Granite	-	0	-	-
Hill	-	52	4	-
Jefferson	-	3	-	-
Judith Basin	-	-	-	-
Lake	-	91	3	-
Lewis & Clark	2	61	3	-
Liberty	-	3	-	-
Lincoln	2	10	1	-
McCone	-	3	1	-
Madison	-	-	-	-
Meagher	-	2	-	-
Mineral	-	5	-	-
Missoula	2	134	5	-
Musselshell	-	-	-	-
Park	-	10	-	-
Petroleum	-	-	-	-
Phillips	-	5	-	-
Pondera	-	3	-	-
Powder River	-	-	-	-
Powell	-	6	-	-
Prarie	-	-	-	-
Ravalli	1	20	1	-
Richland	-	13	-	-
Roosevelt	-	56	1	-
Rosebud	-	62	5	-
Sanders	-	6	-	-
Sheridan	-	-	-	-
Silver Bow	2	33	1	-
Stillwater	-	3	-	-
Sweet Grass	-	-	-	-
Teton	-	-	-	-
Toole	-	-	-	-
Treasure	-	-	-	-
Valley	2	7	-	-
Wheatland	-	1	-	-
Wibaux	-	-	-	-
Yellowstone	4	217	11	-
Other/Out of State	-	-	-	-
2000	20	1,472	60	0
1999	17	1,591	53	3
1998	27	1,414	54	0

* "Reporting county" reflects county of residence whenever possible.
Reports are counted as they are received by DPHHS.
The above data include all reports received from January through December 31, 2000.

TABLE 32
MOST FREQUENTLY REPORTED NEOPLASMS BY SITE, SEX, AND AGE
MONTANA RESIDENTS, 2000 DIAGNOSES
CASES REPORTED AS OF JULY 2001
MONTANA CENTRAL TUMOR REGISTRY

	PRIMARY CANCER SITES																					
AGE AT	PROSTATE		BREAST		LUNG		COLON		RECTUM & RECTOSIG		BLADDER		UTERUS		NHL & HODGKINS*		OVARY		PANCREAS		OTHERS		ALL SITES	
DIAGNOSIS	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
0-4	-	---	-	-	-	-	-	-	-	-	-	-	---	-	-	-	---	-	-	-	0	1	0	1
5-9	-	---	-	-	-	-	-	-	-	-	-	-	---	-	-	-	---	-	-	-	2	2	2	2
10-14	-	---	-	-	-	-	-	-	-	-	-	-	---	-	1	1	---	1	-	-	3	1	4	3
15-19	-	---	-	-	1	-	1	-	-	-	-	-	---	-	1	6	---	-	-	-	7	9	10	15
20-24	-	---	-	-	-	-	1	-	-	-	-	-	---	-	1	1	---	-	-	-	9	34	11	35
25-29	-	---	-	1	-	-	-	-	-	-	-	-	---	-	1	-	---	-	-	-	4	36	5	37
30-34	-	---	-	5	1	-	-	1	-	1	-	-	---	-	3	1	---	1	-	-	14	37	18	46
35-39	-	---	-	16	-	1	2	-	-	2	1	-	---	1	1	1	---	-	-	-	20	33	24	54
40-44	1	---	-	31	2	7	-	-	-	3	1	-	---	6	4	2	---	2	1	-	20	33	29	84
45-49	13	---	-	53	4	3	1	3	3	1	3	-	---	6	9	2	---	1	-	-	24	29	57	98
50-54	32	---	-	68	14	9	8	2	8	1	8	3	---	5	5	3	---	4	3	3	41	30	119	128
55-59	52	---	1	64	17	25	9	5	5	-	7	1	---	6	3	6	---	7	5	3	35	24	134	141
60-64	67	---	-	65	36	24	13	10	11	6	12	2	---	8	6	4	---	2	6	3	48	20	199	144
65-69	103	---	-	76	41	33	11	8	10	4	11	5	---	13	4	5	---	9	9	7	54	43	243	203
70-74	115	---	-	67	50	33	15	20	7	5	15	4	---	7	10	11	---	3	5	6	60	39	277	195
75-79	93	---	1	59	49	35	13	16	11	4	18	4	---	8	6	8	---	4	2	5	63	40	256	183
80-84	33	---	-	46	21	29	23	18	5	5	16	2	---	6	7	8	---	7	7	6	43	27	155	154
85+	20	---	-	27	11	13	10	22	5	4	11	4	---	2	4	10	---	2	4	2	41	32	106	118
TOTAL	529	---	2	578	247	212	107	105	65	36	103	25	---	68	66	69	---	43	42	35	488	470	1,649	1,641

* Non-Hodgkins Lymphoma (NHL) and Hodgkins Disease are not included in the anatomical site (e.g., lymphoma of the stomach is counted as a lymphoma, not stomach cancer).

TABLE 33
MOST FREQUENTLY REPORTED NEOPLASMS BY SITE, SEX AND COUNTY OF RESIDENCE
MONTANA RESIDENTS, 2000 DIAGNOSES
CASES REPORTED AS OF JULY 2001
MONTANA CENTRAL TUMOR REGISTRY

COUNTY OF RESIDENCE	PRIMARY CANCER SITES																							
	PROSTATE		BREAST		LUNG		COLON		RECTUM & RECTOSIG		BLADDER		UTERUS		NHL & HODGKINS*		OVARY		PANCREAS		OTHERS		ALL SITES	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
Beaverhead	5	—	-	2	1	-	1	1	-	1	2	-	—	1	2	-	—	-	-	-	5	9	16	14
Big Horn	5	—	-	6	2	1	-	2	1	-	-	-	—	-	-	1	—	1	-	-	8	5	16	15
Blaine	2	—	-	2	1	2	-	1	-	-	-	1	—	-	-	1	—	-	-	-	2	3	5	10
Broadwater	6	—	-	7	2	3	-	-	-	1	-	1	—	1	-	1	—	-	-	-	1	0	9	14
Carbon	7	—	-	5	1	1	1	2	1	-	-	-	—	-	1	-	—	-	-	-	8	8	19	16
Carter	1	—	-	1	-	-	-	-	-	-	-	-	—	1	-	-	—	-	-	-	1	0	2	2
Cascade	81	—	-	79	23	30	18	18	10	3	17	6	—	18	5	11	—	4	4	5	55	55	213	229
Chouteau	6	—	-	9	2	2	3	-	-	1	1	-	—	1	-	-	—	1	1	-	11	2	24	16
Custer	4	—	-	3	4	4	1	3	2	-	-	-	—	-	1	1	—	-	-	1	4	4	18	16
Daniels	-	—	-	1	-	1	-	1	-	-	-	-	—	-	-	1	—	-	-	-	0	0	-	4
Dawson	7	—	-	3	1	2	-	4	-	1	1	-	—	-	-	1	—	-	-	-	6	5	15	16
Deer Lodge	11	—	1	-	3	2	2	3	1	1	1	-	—	1	1	-	—	1	-	-	6	3	26	11
Fallon	1	—	-	-	1	1	-	-	-	-	-	-	—	-	-	1	—	-	-	1	1	2	3	5
Fergus	9	—	-	5	2	3	5	3	-	-	3	1	—	4	4	-	—	-	-	1	9	10	32	27
Flathead	17	—	-	6	11	10	4	3	1	-	1	-	—	1	2	2	—	1	7	2	14	12	57	37
Gallatin	25	—	-	32	9	10	3	2	3	1	3	-	—	2	2	1	—	1	2	1	17	56	64	106
Garfield	-	—	-	1	-	-	-	-	-	-	-	-	—	1	-	-	—	-	-	-	2	0	2	2
Glacier	7	—	-	4	5	3	3	2	2	-	1	-	—	2	-	1	—	-	1	-	7	4	28	16
Golden Valley	-	—	-	-	1	-	-	-	-	-	-	-	—	-	-	-	—	-	-	-	0	0	1	-
Granite	4	—	-	4	2	2	2	-	-	-	-	1	—	-	1	-	—	-	1	-	0	1	10	8
Hill	10	—	-	10	3	4	4	3	1	1	2	1	—	3	2	1	—	3	1	1	8	4	31	31
Jefferson	4	—	-	4	3	1	2	1	-	1	-	1	—	-	1	1	—	1	1	-	4	1	15	11
Judith Basin	1	—	-	1	3	-	-	-	1	1	-	-	—	-	1	-	—	-	-	-	0	2	6	4
Lake	14	—	-	13	6	4	3	4	7	3	5	1	—	-	2	3	—	-	3	2	21	16	63	46
Lewis & Clark	47	—	1	53	23	14	6	12	5	5	11	1	—	7	6	6	—	5	2	7	33	24	136	134
Liberty	2	—	-	5	-	-	1	-	-	-	1	1	—	1	-	-	—	-	-	-	2	0	6	7
Lincoln	6	—	-	23	13	1	4	1	1	1	2	1	—	2	-	1	—	-	1	-	15	5	42	35
McCone	2	—	-	1	-	-	-	1	-	-	-	-	—	-	-	-	—	-	1	-	3	0	6	2
Madison	5	—	-	2	1	1	-	-	-	-	1	-	—	1	-	-	—	-	-	-	2	1	9	5
Meagher	1	—	-	2	1	-	-	-	1	-	1	1	—	-	-	-	—	-	-	-	1	1	5	4
Mineral	3	—	-	-	1	2	-	-	1	-	1	-	—	-	-	-	—	-	1	-	4	0	11	2
Missoula	49	—	-	90	25	24	6	10	4	4	13	4	—	8	6	7	—	7	4	6	50	51	157	211
Musselshell	2	—	-	4	-	2	1	1	-	-	1	-	—	-	1	1	—	1	-	-	3	4	8	13
Park	14	—	-	11	2	3	2	3	1	-	-	-	—	2	2	-	—	2	-	1	8	15	29	37
Petroleum	-	—	-	-	-	-	-	-	-	-	-	-	—	-	-	-	—	-	-	-	0	0	-	-
Phillips	2	—	-	1	4	-	1	1	-	1	-	-	—	-	-	2	—	-	1	1	1	1	9	7
Pondera	2	—	-	3	2	1	2	1	1	1	-	-	—	-	-	-	—	-	-	-	3	3	10	9
Powder River	-	—	-	2	1	-	-	-	-	-	1	-	—	-	1	-	—	-	-	1	1	0	4	3
Powell	12	—	-	4	4	3	-	2	-	-	1	-	—	-	-	1	—	-	3	1	9	4	29	15
Prairie	4	—	-	-	-	-	2	-	-	-	-	-	—	-	1	-	—	-	-	-	0	1	7	1
Ravalli	28	—	-	28	10	12	1	2	3	2	12	1	—	3	3	-	—	5	-	2	20	22	77	77
Richland	-	—	-	8	1	1	-	-	-	-	-	-	—	-	2	-	—	1	-	-	3	2	6	12
Roosevelt	-	—	-	1	-	1	-	-	-	-	-	-	—	-	-	-	—	-	-	-	4	0	4	2
Rosebud	3	—	-	5	3	2	1	1	-	-	1	-	—	-	-	2	—	-	1	-	7	5	16	15
Sanders	7	—	-	7	7	5	2	1	1	-	3	-	—	-	4	1	—	1	-	-	10	6	34	21
Sheridan	-	—	-	1	-	-	-	-	-	-	-	-	—	-	-	1	—	-	-	-	1	1	1	3
Silver Bow	8	—	-	3	6	8	1	5	3	2	1	-	—	-	3	3	—	2	1	-	10	6	35	27
Stillwater	10	—	-	6	2	3	1	2	1	-	-	-	—	-	-	-	—	1	1	-	11	3	26	15
Sweet Grass	2	—	-	5	1	1	-	2	-	-	-	-	—	-	-	1	—	-	-	-	1	2	4	11
Teton	7	—	-	12	1	4	6	2	-	-	-	-	—	-	-	1	—	1	-	-	6	4	20	24
Toole	4	—	-	5	1	2	-	1	1	-	-	-	—	1	1	-	—	-	-	-	3	1	10	10
Treasure	-	—	-	-	-	-	-	-	1	-	-	-	—	-	-	1	—	-	-	-	1	1	2	2
Valley	7	—	-	2	5	3	-	-	2	-	-	-	—	-	-	-	—	1	1	-	4	4	19	10
Wheatland	1	—	-	1	-	-	-	-	-	-	2	-	—	-	-	-	—	-	-	-	6	4	9	5
Wibaux	-	—	-	-	-	-	1	-	-	-	-	-	—	-	-	-	—	-	-	-	0	0	1	-
Yellowstone	74	—	-	95	43	35	15	4	9	5	14	3	—	7	11	15	—	3	4	2	76	97	246	266
TOTAL	529	—	2	576	247	212	107	105	65	36	103	25	---	68	66	69	—	43	42	35	488	470	1,649	1,641

* Non-Hodgkins Lymphoma (NHL) and Hodgkins Disease are not included in the anatomical site (e.g., lymphoma of the stomach is counted as a lymphoma, not stomach cancer).

OFFICE OF VITAL STATISTICS

The Office of Vital Statistics has published Montana Vital Statistics reports since 1954. Single copies of this publication are available without charge as long as the supply lasts. Copies of previous years' publications are available depending on supply. Some year's supplies have been exhausted; reference copies of those reports are available in this office, at the Montana State Library, and a number of the larger county and University System libraries around the state. Photocopies of specific tables or text from any report will be supplied on request, as time permits. Inquiries should be directed to the Research Specialist of the Office of Vital Statistics, Montana Department of Public Health and Human Services, at the address, telephone number, or e-mail address shown below.

As time permits, additional tabulations can be produced to satisfy individual requests. Uncomplicated tabulations can usually be produced without cost to the requester. In some cases, the requester may be asked to reimburse the department for production costs. Tabulations requiring extensive computer processing may require reimbursement for staff time and computer programming charges. The production of special tabulations is subject to the availability of personnel. Additional tabulations can be found on our web site: **http://www.dphhs.state.mt.us/divisions/otd/vital/statistical_tables.htm.**

The Office of Vital Statistics can only honor requests for information that do not violate the confidentiality requirements of state law or regulations of the Montana Department of Public Health and Human Services. However, confidentiality is not usually a concern in statistical reports or tables where individuals or institutions are not identified. Our address is:

Office of Vital Statistics
Montana Department of Public Health and Human Services
DPHHS Building, Room 205
P. O. Box 4210
Helena, Montana 59604-4210

Telephone: (406) 444-4228
Fax: (406) 444-1803
e-mail: bschwartz@state.mt.us

700 copies of this public document were published at an estimated cost of $4.25 per copy, for a total cost of $2,975.00, which includes $2,975.00 for printing and $0.00 for distribution.